Patent Laws Reform Endorsed—Page 3

Oil, Paint and Drug Reporter

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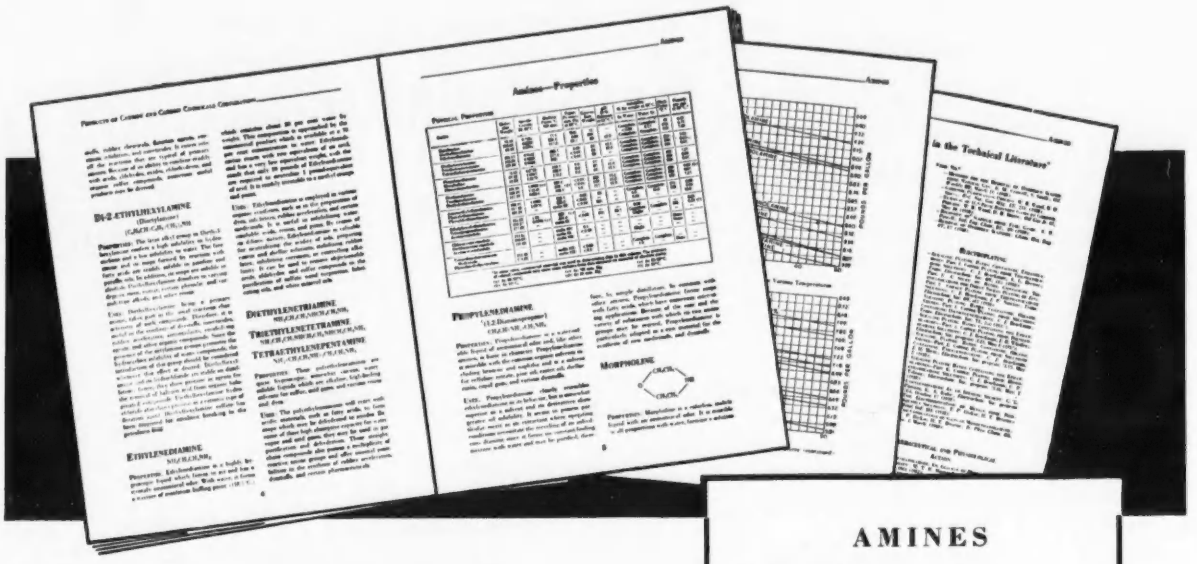

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Included in the booklet are general descriptions, physical properties (including graphs), specifications, and applications of these important chemical raw materials, as well as helpful bibliography.

You can have a copy of the booklet, "Amines," by writing for it. There is no obligation. Similar booklets are available on "Glycols," "Organic Acids," and "Columbia Activated Carbon." We will be glad to send you a copy of whichever ones you need.

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Butylamine
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Tariff Bargain Bill Passed by House

OPD Washington Bureau

The administration's tariff bargaining bill (H.R. 3240), amending the reciprocal trade agreements act to continue its effectiveness for another three years and providing new authority to reduce tariffs another 50 percent, was passed by a rollcall vote of 239 to 153 by the house May 26.

The bill was sent immediately to the senate for concurrent approval, and hearings were opened on it by the senate finance committee May 30. For the most part the same witnesses who testified either for or against the measure before the house ways and means committee have scheduled appearances before the finance committee.

All Republican efforts to amend the bill in the house failed in votes which ran largely along party lines, including a motion to recommit the measure to the ways and means committee with instructions to report back a bill that merely extended the life of the law for another two-year period. This motion lost on a vote of 181 to 212.

The senate fight on the bill is expected to revolve largely around the question of congressional participation in the negotiation of the agreements. The Republicans will press for an amendment to have all agreements ratified by the senate before they become effective.

Drug Disposal Advisers To Aid Surplus Board

OPD Washington Bureau

An advisory committee to the Federal Security Agency is being formed—the membership will be announced soon—to assist the agency in making recommendations to the Surplus Property Board on policy governing the distribution of surplus drugs and medical supplies among State health organizations and nonprofit institutions.

Under the surplus property disposal act certain preferences are to be given in the disposal of such supplies among State and local public bodies. In anticipation of regulations which will control the distribution of the supplies to this consumer level, officials of FSA and representatives of the American Medical Association, the American Dental Association, United States Public Health Service, State health associations, the Surplus Property Board, the army, the navy, and the Surplus Disposal Unit of the Department of Commerce, met last week to discuss the problem.

It was thought at first that the Public Health Service should take the initiative in framing policy recommendations to the Surplus Property Board on the principles that should be followed in distributing the surplus materials among the agencies entitled to preferential treatment. It is said that PHS was reluctant to take on this role, believing that a group

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Penicillin Allocation Amendments Issued

Amendments to the penicillin allocation order, schedule 58 of M-300, embodying the changes which the industry was informed at its last meeting with the WPB would be made in the order, were issued by the WPB May 25. Announcement of the anticipated changes was made by WPB April 23.

The amendments permit the packaging of 200,000 unit vials of the sodium salt, and the packaging of the calcium salt of the drug in 100,000 and 200,000 unit vials for civilian use. Changes also were made permitting additional quantities of penicillin to be available to industry for experimental and research projects, and provisions of the schedule relating to control of exports were modified in line with the changed controls exercised by the FEA.

Leaving Warner Posts

Dr. Marvin R. Thompson has resigned as president and director of research of William R. Warner & Co., drug manufacturer, New York, and as director of the Warner Institute. G. A. Pfeiffer, chairman of the Warner board, says that Dr. Thompson's services will be available to the company until July 1, after which date he will devote all of his time to individual interests.

Labor Management Charter Ratified

OPD Washington Bureau

Approval of the labor-management charter to promote industrial peace was made final May 30 at a meeting of William Green, president of the American Federation of Labor; Philip Murray, president of the Congress of Industrial Organizations, and Eric Johnston, president of the Chamber of Commerce of the United States. It was decided that a meeting of the national committee, now in process of formation, would be held in Washington on June 11, at which time steps will be taken to establish rules of procedure and to outline its specific and immediate task.

Ryder Nominated For Tariff Commission

OPD Washington Bureau

President Truman has nominated Oscar B. Ryder of Virginia for another term on the United States Tariff Commission.

Patent Laws Reform Endorsed At House Committee Meeting

OPD Washington Bureau

Changes in the patent laws to limit the life of patents, require the recording of patent agreements and maintenance of a register for patents offered for licensing, suggestions made in the past by the Temporary National Economic Committee or the National Patent Planning Committee, were endorsed in principle at hearings opened May 29 before the house committee on patents.

The hearings, which will continue into next week, are on three bills introduced by Representative Frank W. Boykin of Alabama (H. R. 2630, 2631, and 2632). Those heard at the initial hearing were R. J. Dearborn, chairman of the committee on patents of the National Association of Manufacturers and president of the Texaco Development Corporation, and Clair W. Fairbanks, member of the patent attorney firm of Dean, Fairbanks & Hersh, New York, and chairman of the committee on patent law and practice of the New York Patent Law Association.

Mr. Dearborn said that the proposed recording of patent agreements in the Patent Office was a step in the right direction, preferable to proposals that they be filed with the Federal Trade Commission or the Department of Justice. He felt, however, that there should be some limitation on the matter recorded for public inspection so that trade secrets not in the public interest be not disclosed. Mr. Fairbanks endorsed this suggestion also.

With reference to the proposed permitting of the recording of abstracts of agreements, both Mr. Dearborn and Mr. Fairbanks felt that such abstracts should be prepared by the Patent Office.

Both witnesses expressed hearty accord with the objectives of H. R. 2631, which limits the life of a patent to twenty years from the date of filing of the application, declaring that

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McK.&R. Names New Chemical Dep't Heads

F. Dean Hildebrandt has been appointed head of the industrial chemicals division of McKesson & Robbins,

F. Dean Hildebrandt

Inc., New York, in succession to Charles T. Lipscomb, jr., who has been made assistant general salesmanager of the corporation. Mr. Hildebrandt has also

—Continued on page 56

Emmett Reid Honored By Chemists Institute

Dr. Emmett Reid, professor emeritus of chemistry at Johns Hopkins University, was presented with a honorary membership scroll by the Baltimore chapter of the American Institute of Chemists, May 24. The award was made in recognition of Dr. Reid's services as a scientist, industrialist, inventor, teacher and humanitarian.

Hyatt Award to Be Made June 14

The date for the fourth annual presentation of the John Wesley Hyatt gold medal, which is given for outstanding achievement in the plastics industry, has been set for June 14, it was announced today, by William T. Cruse, secretary of the John Wesley Hyatt Award Committee.

The recipient of the nation's outstanding award for research and development work in the plastics field will be announced at a dinner to be held at the Waldorf-Astoria, at which time the Hyatt gold medal and cash gift of $1,000 will be presented. Hercules Powder Company, Wilmington, sponsors the award in honor of John Wesley Hyatt.

Guy Gillette Resigns Surplus Property Post

OPD Washington Bureau

Guy M. Gillette submitted his resignation as chairman of the Surplus Property Board to President Truman May 31. Mr. Gillette, who had been defeated for reelection to the senate last November, had been appointed to head up the board by President Roosevelt last January.

He said that President Truman gave no indication of what he would do about the resignation, but that he had told Mr. Truman that he had taken the job originally with the understanding that it was to be only a temporary appointment.

Lead Association Elects C.H. Crane President

Clinton H. Crane, president of the St. Joseph Lead Company, has been elected president of the Lead Industry Association. F. W. Rockwell, president of the National Lead Company, and F. H. Brownell, chairman of the board of the American Smelting & Refining Company have been elected vice-presidents. F. E. Wormser, secretary-treasurer.

Fertilizer Allocations Keyed To Ordnance Requirements

OPD Washington Bureau

The method of allocating fertilizer materials is being revised by the War Production Board for the third quarter, owing to uncertainty of ordnance requirements for ammonia and other nitrogen solutions and other ingredients of explosives for the war program.

Fertilizer manufacturers east of the Rockies are being advised by the WPB Chemicals Bureau that, for the time being, it is proposed to distribute solutions and ammonium nitrate on a monthly basis, according to demand and supply, as has been done for the past several months.

The supply of sulphate of ammonia will probably be slightly less than in the past season, and in order that the movement may be spread over the year and transportation bottlenecks avoided as much as possible, each fertilizer company may place its order for shipment during the months of July, August, and September, as the supply permits, for 30 percent (within carlot limitations) of the tonnage assigned to such company June 1, 1944. The change here is to permit the delivery of the entire 30 percent for the period within one month if this is feasible; whereas, before monthly deliveries were limited to one-twelfth of the year's quota.

Quota Unchanged

Each company is being assigned for the new year the same quota that it had last year because of the uncertainty of the supply situation, in order that manufacturers and suppliers may have some guide to follow in making up contracts for the year. The quota is temporary, however, with the understanding that it will be subject to change depending on the supply situation in the future. Applications for tonnages must be made in accordance with provisions of order M-300, schedule 80, for delivery during the three months of July, August, and September. The quantities approved by WPB will be charged against the 1945-46 quotas of the company when they are assigned for the fertilizer year. The tons of sulphate of ammonia allotted to each manufacturer is the "guide" in making the usual twelve

—Continued on page 36

OPD Price Index

The OIL, PAINT AND DRUG REPORTER'S relative record of prices for chemicals and related materials is currently as follows:—

June 1, 1945	May 25, 1945	June 2, 1944
132.4	**132.5**	**137.6**

The base of the OPD Price Index is the average of prices in 1926 and 1936, those years representing extremes of price undulations in the interwar period.

Price views weakened again last week in the markets for chemicals, oils, and drugs. The condition was not widespread, but it was enough to nip a little more off the general average. Quicksilver was chiefly responsible; menthol had an assist.

Activities did not slow up appreciably for the holiday; they did not manifest any increase from any influence. Reconversion will not be a major operation for the chemical and related industries. What they do awaits the call from consuming industries which do face changes. Military requirements continue to shift, but they bulk about the same in the aggregate.

Recent Imports

All matter under this head fully protected by copyright

ARSENIC TRIOXIDE—2,216 bbls, United States Commercial Co

BABASSU KERNELS—18,332 bgs, 1,833,200 lbs, General Foods Co
14,696 bgs, 1,469,600 lbs, Spencer Kellogg & Sons

BALSAM COPAIBA—60 cs, Norda Essential Oil & Chemical Co
25 cs, Merchants Export & Import Co

BRISTLES, HOG—46 cs, F H Cone & Co
2 cs, Robert Schwarz Bristle Corp
34 cs, H Rosenhirsch Co
13 cs, A A Krejtman
12 cs, Philadelphia National Bank
216 cs, United States Commercial Co

CAFFEINE, ANHYDROUS—20 bbls, Lo Curto & Funk

CASEIN—406 bgs, 44,775 lbs, William Diehl & Co
4,016 bgs, 442,687 lbs, American & British Chemical Supplies, Inc
1,490 bgs, 164,243 lbs, H S Cramer & Co
500 bgs, 55,115 lbs, Manuel Rodriguez
591 bgs, 76,150 lbs, Paul & Stein Bros
2,516 bgs, 275,345 lbs, National Casein Sales Co
3,599 bgs, 385,805 lbs, International Corp

CASHEW KERNELS—654 cs, 32,700 lbs, W A Higgins Co
912 cs, 45,600 lbs, Zaloom Co

CASTOR BEANS—80,608 bgs, 12,091,200 lbs, Baker Castor Oil Co
3,387 bgs, 508,050 lbs, Brown Linseed Co
1,700 bgs, 255,000 lbs, Guaranty Trust Co
3,386 bgs, 507,900 lbs, Spencer Kellogg & Sons

CELERY SEED—87 bgs, 11,310 lbs, Frank Tea & Spice Co
150 bgs, 19,500 lbs, Kachurin Drug Co
89 bgs, 13,350 lbs, E Meer & Co

CINNAMON—110 bls, 11,000 lbs, Volkart Bros
76 bls, 7,390 lbs, A G Dunn
52 bls, 5,200 lbs, Balfour, Guthrie & Co
23 bls, 2,300 lbs, C T Wilson & Co
34 bls, 3,400 lbs, Rohner, Gehrig & Co
661 bls, 66,100 lbs, Holland Colombo Trading Society, Inc
18 bls, 1,800 lbs, Catz American Co
84 bls, 8,400 lbs, A L Whitehouse & Co
435 bls, 43,500 lbs

COCOA BEANS—2,000 bgs, 400,000 lbs, General Cocoa Co
2,000 bgs, 400,000 lbs, J Aaron & Co
2,000 bgs, 400,000 lbs, W R Grace & Co
1,000 bgs, 200,000 lbs, Farr Co
1,000 bgs, 200,000 lbs, W Bartholomew & Co
1,000 bgs, 200,000 lbs, H W Peabody & Co
1,000 bgs, 200,000 lbs, Westfeldt Bros

COCONUT—200 bgs, H Gould
DESIC—368 cs, General Foods Corp

COLOMBO ROOT—2 bgs, E Meer & Co

COTTONSEED MEAL—45,606 bgs, 4,560,600 lbs, United States Commercial Co
11,023 bgs, 1,102,300 lbs, Maurice Pinchoff & Co
10,672 bgs, 1,067,200 lbs, Ashcraft, Wilkinson & Co
8,245 bgs, 824,500 lbs, Wessel, Duval & Co

DILLSEED—80 bgs, 10,400 lbs, J Arthur Co

DIVI DIVI—4,136 serons, 440,000 lbs, Curacao Trading Co

FLEASEED HUSK—133 bgs, Laxseed Co

—Continued on page 70

Rosin M-Order Clarified by WPB

OPD Washington Bureau

The War Production Board has announced it had amended Order M-387 covering rosin for purposes of clarification, to make the order more workable for industry. The definition of manufacturer was revised to include persons who have rosin manufactured by toll arrangement, and the definition of protective coating was changed to include polishing waxes, while coatings for the manufacture of linoleum or felt base coverings were excluded from this classification. Soap was defined in the amendment because several industrial soaps for other than detergent purposes are to

—Continued on page 48

Marine Paints Supply Discussed by WPB

Except for a few of the most critical materials, the availability of raw materials for marine paints produced for the War Shipping Administration, Navy and the United States Maritime Commission is expected to ease considerably in the near future, War Producton Board officials told the members of the Marine Paint Manufacturers Industry Advisory Committee at a recent meeting, WPB reported. However, WPB added, marine paints for pleasure craft and other non-essential requirements may remain critical for some time to come.

Although military cutbacks in antimony oxide requirements have been made, greater quantities of antimony

—Continued on page 60

Rubber Chemicals Situation Is Tight

Requirements for various types of vulcanization accelerators and antioxidants, substitution possibilities, and the availability of raw materials were discussed at the meeting of the newly-formed rubber accelerator and Antioxidane Industry Advisory Committee, the War Production Board reported June 1. Additional production of accelerators and antioxidants will be necessary this year to meet the expanded rubber program, the committee was told. Representatives of the WPB Rubber Bureau said that they are working with the rubber industry on a statistical survey of supplies and requirements for the remainder of 1945 and the first half of 1946.

The most serious shortage of accelerators is that of aromatic thiazoles, WPB said. Expanded production of this, the largest single group of accelerators, will be required, inasmuch as a shortage of from 3,000,000 pounds to 4,000,000 pounds is estimated for this year. Members of the industry interested in expanding facilities for the production of aromatic thiazoles should contact WPB immediately, the committee was told.

Of the antioxidants, secondary diamines, monoamines, tertiary monoamines, and ketones with secondary amines are in most critical supply. The sodium cyanide situation is expected to remain critical until the end of the Summer. Peroxide supplies have grown progressively tighter, and for the next month or two allocations will be cut. WPB advised manufacturers using either sodium or hydrogen peroxide to consider the possibility of substitution. It will be difficult to meet the large, increased requirements for methylethyl ketone for the increased rubber program, WPB said.

Representatives of the Rubber Bureau pointed out that there is a distinct trend away from the use of a mixture of synthetic and natural rubber with a shift toward a totally synthetic compound. This trend will affect future requirements for rubber chemicals.

Thermometers Output Control Eased

Revocation of schedule 7 to L-272, the schedule restricting the production of industrial thermometers to specified finishes, sizes, types, models and markings, has been announced by the War Production Board. WPB officials said that thermometer production would remain subject to the provisions of order M-293 and other applicable orders and regulations.

Phosphate Rock Export Is New U.S. Program

OPD Washington Bureau

A tentative program envisioning the export of approximately 250,000 tons of phosphate rock to Europe, Australia, and New Zealand during the 1945-46 fertilizer year is now being put into operation by the government. The bulk of the exports will be to Australia and New Zealand. The entire program is dependent on the availability of ships, and at the present time it appears doubtful of complete fulfillment.

Officials do not believe that the heavy export program would interfere with domestic needs for phosphate rock, since production is sufficient to take care of fertilizer requirements here and in Canada and of this contemplated export. In addition, it is pointed out, considerable quantities of North African rock have been entering the United States as ballast during the past eight months, thus adding to the overall supply.

Efforts now are being made to curtail shipments of the African rock to the United States and to substitute as ballast other materials which are in greater need. Officials said that the prospects of this being done are good, although they could not name what materials might be utilized. The shipments of phosphate rock to be made to Europe in the coming year will be largely of North African rock. An agreement already has been made that this rock shall be so diverted. In the event no more is entered into the United States from North Africa, some domestic production will be sent to meet Europe's needs.

Nitrogen for Agriculture Expected to Increase

OPD Washington Bureau

More nitrogen may be available for agricultural use in the near future, War Production Board officials told the members of the Nitrogen Producers Industry Advisory Committee at a recent meeting. However, WPB emphasized, at the present time nitrogen supplies are not adequate to meet all demands.

According to the War Food Administration, requests for nitrogen for domestic agricultural use, including Hawaii and Puerto Rico, for the agricultural year beginning July 1, 1945, amount to approximately 800,000 tons. About 712,000 tons of nitrogen will be available for these requests, WPB said, but it is hoped that more nitrogen will be available to meet the requirements in full.

Two new projects, each with a monthly production capacity of approximately 5,000 tons, will probably start production within the next few months, the committee was told. Possible cuts in the munitions program would also mean more nitrogen for agriculture, WPB said. However, these cuts have not yet materialized, it added.

The nitrogen requirements for liberated European areas are expected to be heavy, WPB told the committee.

The committee unanimously recommended that allocation of nitrogen be continued on the present basis until it is possible for all controls to be removed completely. It said that the question of removing controls should be reconsidered in June or July, when more definite information on supplies and requirements is available.

Paint Production Clubs News

The Philadelphia Paint and Varnish Production Club at its May meeting was addressed by three speakers. Oakley H. Garlick, of the Paul O. Abbe Company, discussed the postwar running of a paint plant. J. Robert Powers, of Baker Perkins, Inc., talked on the universal two-arm mixer as well as special machines which disperse by hydraulic shear. He discussed the selection of vehicle, the proportions and temperature control. G. A. Vasel discussed hydraulic adjustments of the three-roller mills and some experimental models which he had made.

Los Angeles

The Los Angeles Paint and Varnish Production Club at its May meeting adopted a new constitution and bylaws, patterned after the uniform bylaws distributed by the Federation of Paint and Varnish Production Clubs. John A. Lutz, of the Titanium Pigments Corporation, presented a paper on "Continuous Film Producing Emulsion Paints."

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Bids Wanted

Alkali Blue Toner:—2,000 pounds, Purchasing Agent, Bureau of Engraving and Printing, Washington (25); invitation BEP-911, opening June 6.

Bleaching Powder:—1,500 pounds, Chief Clerk, U. S. Penitentiary, Lewisburg, Pa.; invitation 14-1062, opening June 9.

Chrome Yellow:—15,000 pounds, Bureau of Engraving and Printing, Washington (25); invitation BEP-921, opening June 8.

Dextrose:—General Purchasing Officer, The Panama Canal, Medical Section, Washington (25); circular 2208, opening June 8.

Drugs and Chemicals:—Procurement Division, Veterans Administration, Washington (25); invitation 502, opening June 5.

Glyceryl-Phthalate Enamel:—500 gallons, Division of Purchase and Supply, Treasury Department, Procurement Division, San Francisco; invitation SF-2184-45, opening June 8.

Linseed Oil:—Division of Purchase and Supply, Treasury Department, Procurement Division, San Francisco; invitation SF-2190-45, opening June 11.

Margarin:—7,168 pounds, Chief Clerk, Department of Justice, Federal Reformatory, Chillicothe, Ohio; invitation 6-2140, opening June 6.

Shortening:—7,500 pounds, Chief Clerk, U. S. Penitentiary, Lewisburg, Pa.; invitation 14-1068, opening June 20.

Sweeping Compound:—Chief, Procurement and Property Division, Federal Security Agency, Social Security Board, Washington (25); invitation SSP-1391, opening June 7.

Vitamin Tablets:—Contract Development Section, Procurement and Price Support Branch, Commodity Credit Corporation, War Food Administration, Washington (25); announcement Awd-504, opening June 6.

White Lead:—16,000 pounds, paste in oil, Chief, Contract and Purchase Section, Treasury Department, Procurement Division, San Francisco; invitation SF-2152-45, opening June 2.

Washington Talks It Over

Observations • Prognostications • Developments

By OPD Observer

Paraffin Wax Under Allocation July 1

Continued shortages of paraffin wax for military and essential civilian uses have made it necessary to place this product under allocation control in order M-300, schedule 108, beginning with the month of July, it is announced by the War Production Board. The order includes low melting refined, high melting refined and crude scale wax, but does not include raw slop slack wax which is in comparative free supply and which can be used, officials say, as a substitute material in most cases where refined or crude scale wax is ordinarily used.

Although the initial allocation date is July, it is the intention of the WPB to begin control over distribution during June and all deliveries which have been scheduled for that month should be reported to the WPB on or before June 4. These schedules are to be subject to change by the board, but unless otherwise directed a producer may make the shipments shown on his proposed shipping schedule.

Each schedule must show the following data for each order:—shipping point, weight in short tons, name of customer, prime contract number (if any) and customer's primary product, if known to the supplier. Suppliers seeking delivery authorizations after June 30 must file application on form WPB-2946 by the fifteenth day of the month before the requested allocation month and separate sets of forms are to be filed for each shipping point.

Persons seeking authority to use or accept delivery after June 30 must file application on form WPB-2945 before the tenth day of the month before the requested allocation month. Separate sets of forms must be filed for each supplier. A small order exemption of one ton per month is allowed.

Thallium Chemicals Under Allocation

In view of recent heavy demands by the military for thallium sulphate for use in rat control in European areas and in the Pacific war theatres, the War Production Board placed thallium chemicals under the control of Schedule 107 of Order M-300, the general chemicals allocations order, WPB has reported. Although the heavy demand is for thallium sulphate, it was necessary to place all thallium chemicals under allocation control because thallium sulphate is produced from other thallium chemicals, WPB explained.

The need is especially heavy in these foreign areas because rats carry insects that transmit diseases such as typhus and schrub typhus, WPB said. Thallium sulphate has been used in the United States for rodent control in the prevention of plague and also against field rodents, for crop protection. WPB said that because of limited production facilities, an attempt is being made to purchase supplies of thallium sulphate in some of the liberated European areas.

Suppliers' applications (Form WPB-2947) for authorization to use or deliver thallium chemicals should be submitted to WPB at the earliest possible date in order to be considered for June allocations, WPB emphasized. Schedule 107 contains a monthly small-order exemption, for laboratory and reagent use only, of one-eighth of a pound each of thallium acetate, thallium chloride, thallium formate and thallium sulphate, the chemicals controlled by the order.

War Contract Cutbacks Cancellations Asked

Opening of a drive to obtain prompt cancellation of all orders stemming from contracts that have been cut back has been announced by J. A. Krug, Chairman of the War Production Board.

Mr. Krug said that, to provide materials for civilian production, it was important that order boards of all suppliers—including controlled and other materials, components and containers—be cleared of military orders as soon as contract cutbacks are made. He emphasized the requirements of CMP Regulation No. 1 and Priorities Regulations No. 1, which cover the return of allotments and cancellations of purchase orders by suppliers following the cancellation of their customers' orders.

If the Department of Commerce has any say in the matter—and indications are that it may—export licensing controls will remain in force after the end of the war only as long as it is necessary to insure stability of our economy and foreign trade. Secretary Wallace sees no reason for continuing any controls merely for the sake of control and is arguing for their abandonment with all possible speed when the war is won.

Secretary Wallace's present-day advocacy of speedy relaxation of government controls over business can be regarded as somewhat in conflict with the philosophy he has expounded in the past on economic problems, but it is not entirely without reason. One of his primary aims is to restore industry confidence in his department and to build up the department to the potent force that it once was twelve or fifteen years ago. To do the latter he must have the help of industry. Another reason is that some of the pressure is off him.

Some rather important announcements of Mr. Wallace's efforts in this direction may be forthcoming soon. The Bureau of Foreign and Domestic Commerce is due for an overhauling that will give it added importance in the foreign trade field. He wants the bureau to provide more service to business in the foreign field, helping with commercial intelligence and giving warning when foreign markets threaten to become overloaded with our goods.

Medical Care for Veterans

Two bills for establishment of a department or bureau of medicine and surgery in the service of veterans have been introduced in the house. H. R. 3317 is sponsored by Representative Edith Nourse Rogers of Massachusetts and H. R. 3310 was introduced by Representative John Rankin of Mississippi. Local indications are that the legislation will receive the approval of Congress at an early date.

Both sponsors conferred with President Truman on their proposals. He told them that he was in accord with the principles embodied in the two measures which are identical except that the bill of Representative Rogers would set up the new office as another bureau (!) while that of Mr. Rankin would establish the office as a department in the Veterans' Administration—which is being rapped and probed in matters of medical care.

No Health Care Mandate

WLB is sticking to its previously announced policy of refusing to order employers to set up group health insurance plans for their workers. The latest to be advised of this policy were two labor organizations of workers of the United States Rubber Company's Bedford (Mass.) plant.

Lately, some unions, unable to obtain direct wage increases under the wage-stabilization program, have been concentrating on obtaining other benefits, among them health insurance. In some instances they have been successful in prevailing upon employers to set up funds for employee sick benefits and medical and hospitalization expenses, but the two labor unions in the rubber company case had difficulty on this score and went to WLB for relief.

The board informed the group that its policy on this question, as embodied in the basic steel cases, remains unchanged. This policy is to the effect that the board will approve, under wage-stabilization programs, reasonable group insurance plans agreed to by the company and the union, but the board will not order such a plan into effect.

Fooling the Mosquito

An ingenious and simple bug-poisoning device that works automatically against certain types of vexatious mosquitoes does so by withholding a deadly dose of DDT until it is needed and then delivering it at the time it will be most effective against newly hatched wigglers. This is a development of the Orlando, Fla., laboratory of the Bureau of Entomology and Plant Quarantine.

The device takes advantage of the fact that mosquitoes of the psorophore group have the habit of laying their eggs in grassy areas that are likely later to be flooded by heavy rains or rising streams and ponds. What the Orlando station did was to develop a bottle with a small opening into which a small quantity of DDT in oil is poured. The bottle is then buried with the opening just above the ground level, and as the floodwaters rise to this opening the oil floats out and spreads a thin film to kill the little wigglers when they come to the surface.

Conditions under which the device may be used still remain to be worked out because DDT is toxic to fish and other forms of aquatic life.

When Is Business Little

Smaller War Plants Corporation is branching out to become one of the bigger business enterprises of the government—doing a business running into more than $100,000,000 a year. It is destined to become even bigger under plans now in the making to help little business over the hump of reconversion.

Instructions now in the hands of SWPC district offices permit the agents to make loans on "essential civilian production" up to $50,000 without Washington's approval, and up to $100,000 where banks participate for 20 percent. Products considered "essential" are those on the OCR relative essentiality list or the WPB national production urgency list.

Because SWPC has become a real factor in the business world, it is almost time someone came forward with a real definition of what constitutes "little business," and thus is eligible for this agency's aid. Numerous government agencies and congressional committees have been treating with the problems of this community of voters for the past several years now, with no one giving anything more than a general definition of the term. Some people say it is any business that grosses less than $300,000 annually. Others say any plant employing fewer than 100 workers is a little business. Such a definition is rather loose, because conceivably either point of view would also cover a big business in some lines.

Fuel Oil Scare Is On

A rush to convert home-heating units from coal to oil has taken place since the ending of the war in Europe. PAW describes the movement as "alarming" and fears that people are under the impression that more fuel oil for home-heating will be available next Winter as a result of the war reaching the half-way mark.

The trouble, however, is that few people understand that oil of the type used for home-heating is the same kind that must be consumed by military operations in the war in the Pacific, and more of it will be needed for this purpose than when we were fighting on a two-front basis. PAW says there is absolutely no prospect of increasing the civilian allotment of this type of fuel before Japan is defeated.

Although some of the movement to convert from coal to oil may be charged up to lack of knowledge on the part of the public of the oil needs for the Pacific war, the coalminers will also have to share in the blame. The strike of the anthracite miners last month, in face of the fact that a shortage of "hard" coal was in prospect for next Winter even with the mines going full blast, certainly lent no encouragement to the public to continue heating with coal.

Small Business Complains

Congressional mail has shown a decided increase since V-E Day. The letters are coming largely from little businessmen who apparently feel that,

—*Continued on page 43*

Special Sales Control Eased by WPB

A number of items have been deleted from Lists A and B of Priorities Regulation 13, the War Production has announced, thereby removing the special sales restrictions continued in the lists on these materials and products. "Special sales" are sales of materials or products by persons (including government agencies) who acquired or made them for use and not for sale or resale.

A number of items have been deleted from List A (domestic special sales restriction) of PR-13 as amended. These include beryllium, rayon, marine diesel engines, integral horsepower electric motors, paper mill machinery, refrigeration condensing units and compressors, up to and including five horsepower.

Restrictions on certain critical materials, particularly electronic parts and equipment, have been tightened. Fibrous glass textiles have been added to the list of items requiring WPB authorization for special sales.

A number of deletions also have been made from List B (export special sales restrictions) of the regulation. They include beryllium, beryllium chemicals, lactic acid, calcium metal, dichlorofluoromethane, monochlorodifluoromethans, rayon, cast iron soil pipe, air conditioning equipment, cast iron bathtubs, jewel bearings, brass plumbing fixtures, fittings and trim, construction machinery, marine diesel engines, water heaters, extended surface heating equipment, fluorescent lighting fixtures, integral horsepower motors, paper mill machinery, refrigeration condensing units and compressors up to five horsepower, stokers and stoves (except electric). Restrictions on critical electronic equipment also have been tightened in List B. Fibrous glass textiles have been added to the list of items requiring WPB

—*Continued on page 36*

Paper Shipping Sacks L-Order Revised

OPD Washington Bureau

The commercial use of paper shipping sacks subject to limitation order L-279 was amended May 25 by the Paper Division of the War Production Board. This order restricts the manufacture and use of shipping sacks made from shipping sack paper.

Twenty-one chemicals, pigments and minerals have been added to appendix A of the order which lists items that may be packaged in paper shipping sacks.

The use of shipping sacks constructed with a ply of asphalted, paraffined or moisture-proof paper was authorized for packaging thirty-four chemicals and those items were put in appendix B covering materials and products that must be kept dry or free from moisture. The addition in appendices A and B follow:—

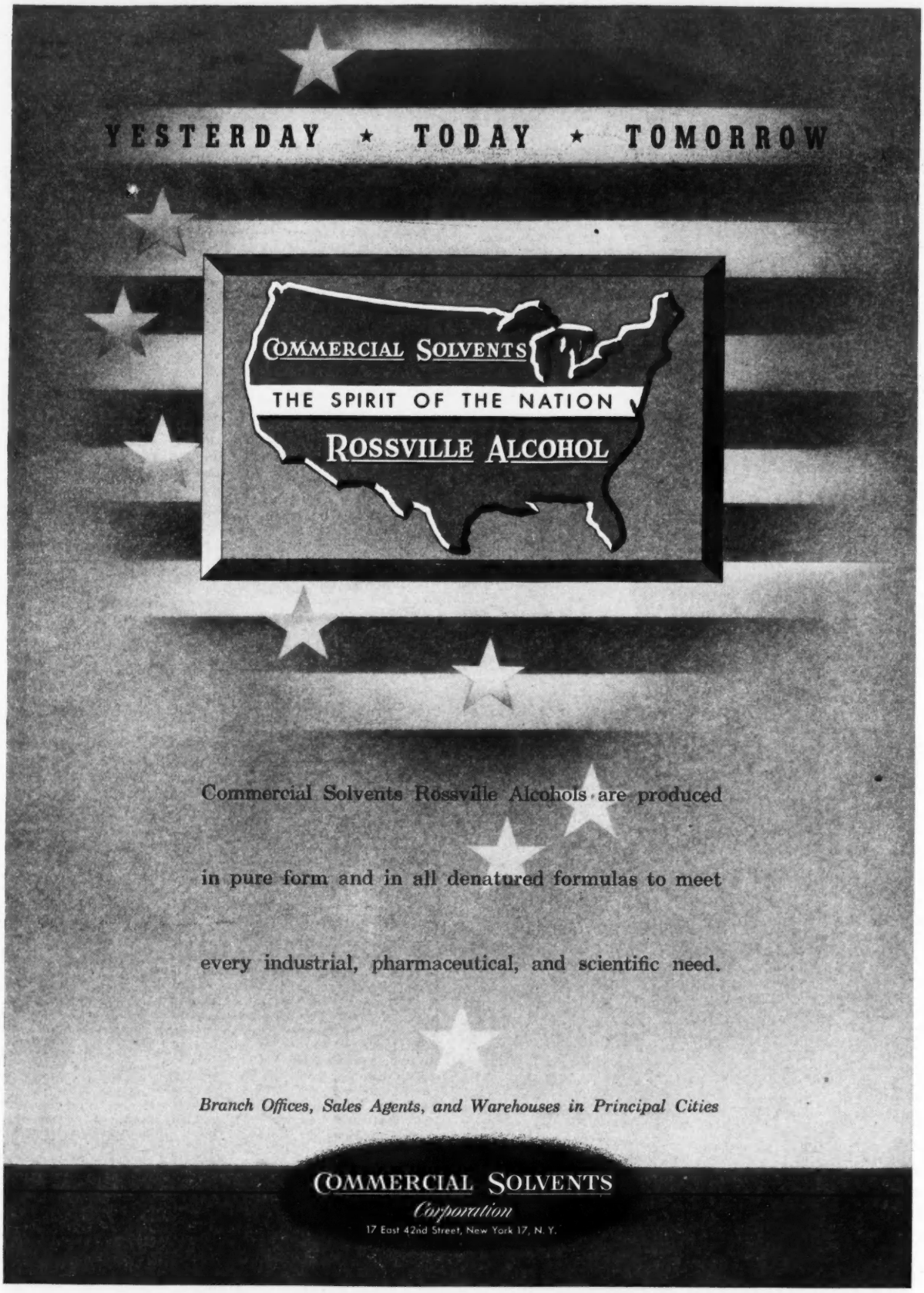
Appendix A: Aluminum oxide, beryllium ore, celestite ore, dicyandiamide, fat soluble vitamins, fatty alcohols, fuller's earth, gelatin, guanidin nitrate, ilmenite ore, ground iron ore, iron pyrites, lead formate, lithium ores, melamine resins, nickel oxide, rubber accelerators, thiourea, vermiculite, wallastonite ore and zirconium ore.

Appendix B: Aluminum hydrate, light, ammonium alum, barium chloride, borax, anhydrous, calcined magnesium sulphate, clay bentonite, detergents, alkaline, dilithium sodium phosphate concentrate, fat soluble vitamins, guanidin nitrate, lime, hydrated (for spray only), magnesium carbonate, melamine resins, monoammonia phosphate, monosodium phosphate, pet food, potash alum, potash bichromate, potash carbonate, rubber accelerator, rubber processing chemicals, soda acid pyrophosphate, soda aluminate, soda aluminum sulphate, soda bisulphate, anhydrous, soda carbonate, soda chromate, soda fluoride, soda hexametaphosphate, soda metaphosphate, soda sesquicarbonate, soda silicate, soda thiosulphate, thiourea, trinitrotoluene, trisoda phosphate, and zinc ammonia chloride.

V-Boxes Manufacture Ordered Discontinued

OPD Washington Bureau

Manufacture of the strongest type of V-boxes, known as V-1, has been discontinued to conserve the critical supply of containerboard and because it has been found that the next type of fiber shipping container, V-2, has proved adequate, the Paperboard Division of the War Production Board has reported.



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Methylpyridium Hypochlorite, Normal

Chemical — Claimed (U.S. 2256958 and 2256959) as source of substantial amount of available chlorine (has valuable property of keeping well)

Para-alphamethylbenzohydryl-phenol

Disinfectant—Claimed (U.S. 2247402, 2247403, and 2247404) as germicide

Insecticide and Fungicide—Claimed (U.S. 2247402, 2247403, and 2247404) as fungicide and insecticide

Miscellaneous — Claimed (U.S. 2247402, 2247403, and 2247404) as antioxidant

Pethidine Hydrochloride

(1-Methyl-4 - phenylpiperidine-4-carboxylic Acid Ethylester Hydrochloride)

Pharmaceutical — In compounding and dispensing practice.

Suggested for use as analgesic and antispasmodic.

9-Propoxy-4:14-dimethyl-coeroxane

Chemical—Imparter of fluorescence (U.S. 2250270) to organic solvents.

Fats, Oils, and Waxes—Imparter of fluorescence (U.S. 2250270) to waxes.

Lubricants—Imparter of fluorescence (U.S. 2250270) to oils.

N-Propylpyridinium Hypochlorite

Chemical — Claimed (U.S. 2256958 and 2256959) as particularly stable source of substantial amount of available chlorine

2-Thiol-5:5-dimethyl-4-oxazolidone

Photographic—Developing adjuvant (U.S. 2298093) for emulsions containing silver bromide (used in conjunction with a metolquinol developing agent to produce blue-black tones).

Dr. Schwarcman Receives Schoellkopf Medal

The Western New York Section of the American Chemical Society presented the Jacob F. Schoellkopf memorial medal award of 1945 to Dr. Alexander Schwarcman, chief research chemist for Spencer Kellogg & Sons, Inc., Buffalo, for "contributions to the processing, refining and modification of vegetable oils." The award was made at a dinner given by the section at the General Brock Hotel, Niagara Falls, Ont., May 24.

The medalist was introduced by Walter M. Ralph, director of research of the National Analine Division of Allied Chemical & Dye Corporation. The presentation was made by Frank E. Huggins, chairman of the section.

In his address of acceptance, Dr. Schwarcman reviewed the progress of vegetable oil chemistry in the division of edible and industrial oils with special attention to the synthetic development of oils to offset the dislocation of raw materials resulting from the war.

Chemists Institute Elects Two New Councilors

The American Institute of Chemists, by mail ballot, has elected the following new councilors for three year terms expiring in May, 1948; Dr. Norman A. Shepard, of the American Cyanamid Company, New York; Dr. W. D. Turner, assistant professor of chemical engineering of Columbia University, New York, and Dr. James R. Withrow, professor and chairman of the chemical engineering department of Ohio State University, Columbus, Ohio.

The retiring councilors are Dr. Donald H. Andrews, professor of chemistry at John Hopkins University, Baltimore; Dr. osFter D. Snell, president of Foster D. Snell Inc., and Dr. W. D. Turner, reelected.

Surplus Chemicals Offered

A list of chemicals offered for sales by the Reconstruction Finance Corporation, a disposal agency designated by the Surplus Property Board, has been compiled. Bids for the materials may be made to the various regional offices or with the corporation at 811 Vermont avenue, Washington 25, D. C.

Abrasive, Paste—59,000 jars, Louisville, Ky.

Alcohol, Ethyl—4,680 gallons, Edgewood Arsenal, Md.

Alcohol, Polyvinyl—14,250 pounds, Edgewood Arsenal, Md.; 7,343 pounds, Chicago, Ill.

Alizarin Red S—1,940 grams, Schenectady, N. Y.; 35,700 grams, bottles, Louisville, Ky.

Alum, Ammonia—1,800 pounds, Atlanta, Ga.; 3,600 pounds, tech., drums, Sharonville, Ohio.

Alum, Potash, Tech—325 pounds, Atlanta, Ga.; 660 pounds, Baton Rouge, La.; 15,120 pounds, drums, Sharonville, Ohio.

Aluminum Oxide — 699 pounds, Edgewood Arsenal, Md.

1 - Amino - 2 - Naphthol-4 - Sulphonic Acid—6,875 grams, Denver, Colo.

Ammonia—850 gallons, North Little Rock, Ark.

Ammonia, Aqua, CP—12,572 pounds, Granite City, Ill.

Ammonia Acetate — 3,110 pounds, Louisville, Ky.

Ammonia Bromide—500 pounds of granular, Binghamton, N. Y.; 267 pounds, crystals, Schenectady, N. Y.

Ammonia Carbonate, USP — 331 pounds, Metuchen, N. J.; 222 pounds, powder, Augusta, Ga.

Ammonia Hydroxide — 8 gallons of technical material, Orangeburg, N. Y.

Ammonia Nitrate — 15 pounds of granular, Metuchen, N. J.

Ammonia Phosphate—60,000 pounds, San Clementine, Calif; 100 pounds, Indio, Calif.

Ammonia Sulphate—2,100 pounds, Indio, Calif.

Anilin—125 pounds, Savannah, Ga.

Anilin Hydrochloride—2,467 pounds, Edgewood Arsenal, Md.

Antimony Trisulphide, Tech.—575 pounds, Edgewood Arsenal, Md.

Arsenic Anhydride—150 pounds, bottles, Savannah, Ga.

Arsenic Sulphide, Tech.—105 pounds, Edgewood Arsenal, Md.

Azocarmine B—6,230 grams, Schenectady, N. Y.

Barium and Calcium Compound—14,800 pounds, wooden barrels, Detroit.

Barium Carbonate—150 pounds, Atlanta, Ga.

Barium Chloride—174 pounds, Savannah Ga.; 362 pounds, Binghamton, N. Y.

Barium Dioxide—61 pounds of CP, Edgewood Arsenal, Md.

Barium Sulphate—163 pounds of CP, Edgewood Arsenal, Md.

Benzaldehyde—134 pounds of USP, Edgewood Arsenal, Md.

Benzidin, USP—200 ounces, Atlanta, Ga.; 400 ounces, Louisville, Ky.; 519 ounces, Binghamton, N. Y.; 500 ounces, Savannah, Ga.; tech., 4,000 grams, Edgewood Arsenal, Md.

Benzil, Tech—900 grams, Edgewood Arsenal, Md.

Benzo Purpurine—8 pounds, Edgewood Arsenal, Md.

Benzyl Chloride, CP—17 pounds, Edgewood Arsenal, Md.

Benzyl Fast Blue—6,494 pounds, Camp Carson, Colo.

Bismarck Brown Y—13,000 grams, San Francisco, Calif; 6,750 grams, Binghamton, N. Y.

Bismuth Bromide, CP—33 ounces, Edgewood Arsenal, Md.

Bismuth Tetraoxide, CP—4 pounds, Edgewood Arsenal, Md.

Bleaching Powder — 250 pounds, Midvale, Utah; 20 gallons, Orangeburg, N. Y.; 165 gallons, Midvale, Utah; 650 pounds, Camp Hulen, Tex.; 52,810 pounds, New Cumberland, Pa.; 1,495,120 pounds, Atlanta, Ga.; 660 pounds, Pueblo, Colo.; 580,390 pounds, Memphis, Tenn.

Blue Toner—210 pounds, Haledon, N. J.

Boiler Compound — 3,231 pounds, Saratoga Springs, N. Y.; 450 pounds, Camp Hylen, Texas.

Boric Acid—1,909 pounds, Cincinnati, Ohio.

Bromine, CP—337 pounds, Edgewood Arsenal, Md.

Butyric Acid—2,188 pounds, San Antonio, Tex.; 1,107 pounds, Edgewood Arsenal, Md.; 3,892 pounds, Atlanta, Ga.; 3,179 pounds, Ogden, Utah.

Cadmium Acetate, CP—100 grams, Edgewood Arsenal, Md.

Calcium Arsenate—7,000 pounds, Rohwer, Ala.

Calcium Carbide—12,100 pounds, Milwaukee, Wis.; 12 cans, North Little Rock, Ark.; 10,540 pounds, Auburn, Wash.; 500 pounds, Omaha, Neb.

Calcium Carbonate—180 pounds, St. Louis, Mo.

Calcium Chloride, Anhydrous, CP Granular—2,540 pounds, Schenectady, N. Y.; 80 pounds, Salinas, Cal.; 95 pounds, Denver, Colo.

Calcium Cyanide — 250 pounds, Bronx, N. Y.

Calcium Hypochlorite—100 pounds, Orangeburg, N. Y.; 8,420 pounds, San Bernadino, Calif.

Calcium Nitrate—2,310 pounds, Salinas, Calif.

Calcium Oxide—194 pounds, Schenectady, N. Y.

Calcium Phosphate—300 pounds, Salinas, Calif.

Calcium Polysulphide—100 gallons, St. Louis, Ill.

Calcium Silicide—2,300 pounds, Huntsville, Ala.; 6,345 pounds, Edgewood Arsenal, Md.

Calcium Sulphate—270 pounds, Salinas, Calif.

Carbon—250,225 pounds of powdered, Barstow, Calif.; 279,075 pounds, San Francisco, Calif.; 1,000 pounds, St. Louis, Ill.; 1,125 pounds of activated, Monsanto, Ill.

Carbon Disulphide—1,000 pounds, Savannah, Ga.

Caulking Compound—47 cans, Marion, Ohio.

Cellulose Acetate—622,592 strips, Lawrence, Mass.; 1,000 sheets, Sharonville, Ohio; 1,200 pounds, Denver, Colo.

Charcoal — 21,000 pounds, Auburn, Wash.; 1,599,409 pounds, Edgewood Arsenal, Md.; 3,000 pounds, Louisville, Ky.; 2,550 pounds, Omaha, Neb.; 685,796 pounds, Chicago, Ill.; 166,308 pounds, Fostoria, Ohio; 583,704 pounds, Columbus, Ohio; 387,825 pounds, Lawrence, Mass.; 63,658 pounds, Huntsville, Ala.; 107,659 pounds, Akron, Ohio; 231,501 pounds, Zanesville, Ohio; 91,041 pounds, Hanford, Calif.

Chlorinated Paraffin—22,898 pounds, Philadelphia, Pa.

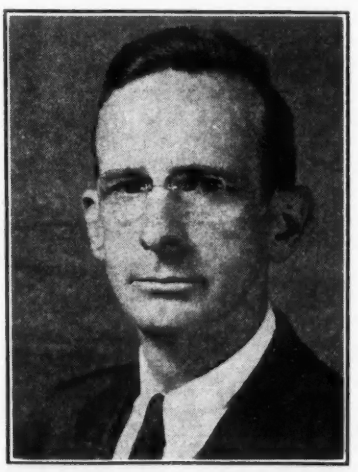
Copper Arsenate—26 pounds, Edgewood Arsenal, Md.

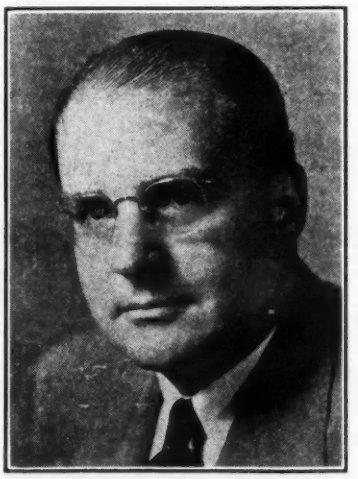
Copper Naphthenate—275 gallons, Granite City, Ill.

Copper Oxide, Yellow—800 pounds,

—Continued on page 38

Mathieson Alkali Names Vincent, Gage to Posts





G. P. Vincent (right), manager of the sales development and technical service for the Mathieson Alkali Works, has been appointed to the newly created position of technical director. In addition to his former duties, he will direct research and technical development and advise on technical matters concerning plant operation. In these latter capacities, he succeeds R. E. Gage, who was director of research and development for Mathieson Alkali for fourteen years and has now been appointed technical adviser for the company

Chemical Surplus Sales Bring RFC 79 Percent

OPD Washington Bureau

The Reconstruction Finance Corporation reports that as of April 30 it had acquired from other agencies for disposal $6,781,311 worth of chemicals, falling in the major group classification No 19, and had sold $1,669,194 worth for $1,131,859, or 79 percent of their value. From April 15 to the end of the month acquisitions amounted to $166,277, and sales of $11,573 worth were made for $67,867.

Other acquisitions and sales through April 30 included:—Oils, fats, and waxes (group 17), $6,678 acquired, and $1,744 sold for $1,454; drugs and medicines (group 19-12), $2,050,997 acquired, $482,226 sold for $320,361, leaving $1,568,771.

Coal and petroleum crudes, including special grades (group 19-21), $9,253 acquired, $19 sold for $19, leaving $9,234.

Intermediates, cyclic (group 19-22), $18,800 acquired, $7,582 sold for $4,924, leaving $11,218.

Dyes (group 19-23), $307,056 acquired, $2,426 sold for $2,118, leaving $304,630.

Color lakes and toners (group 19-24), $2,147 acquired, $1,680 sold for $1,200, leaving $467.

Rubber chemicals (group 19-25), $970 acquired, $294 sold for $294, leaving $676.

Perfume and flavor materials (group 19-26), $954 acquired, none sold.

Gum and wood chemicals, except acetic acid and methanol (group 19-27), $425,336 acquired, $46,627 sold for $4,060, leaving $378,709.

Natural dyeing and tanning materials (19-28), $1,499 acquired, $1,427 sold for $1,080, leaving $72.

Miscellaneous organic chemicals (group 19-29), $588,132 acquired, $431,429 sold for $380,492, leaving $156,703.

Compressed and liquefied gases and chemical warfare agents (group 19-3), $193 acquired, $46 sold for $46, leaving $147.

Chemical warfare agents, except phosgene (group 19-34), $9,073 acquired, $9,073 sold for $11,661.

Paints, varnishes, lacquers, japans, thinners, pigments, driers, fillers, and related products (group 19-4), $185 acquired, $185 sold for $148.

Paints, varnishes, lacquers, japans and thinners (group 19-41), $1,952,212 acquired, $150,921 sold for $89,853, leaving $1,801,291.

—Continued on page 39

Diamond-Harshaw Co. To Make Catalysts

The Diamond Alkali Company, Pittsburgh, Pa., and the Harshaw Chemical Company, Cleveland, have organized an affiliate which will be known as the Diamond-Harshaw Company. This company has been formed for the purpose of offering expanded research services and manufacturing facilities for the production of preformed catalysts, either pelleted or extruded, as used by the petroleum and allied industries.

The Harshaw Chemical Company has been engaged in this field for several years past and will act as the sales agent for the new company. The sales and service policy as established will be continued. The research and manufacturing facilties of the Diamond Alkali Company and the Harshaw Chemical Company will be available to the Diamond-Harshaw Company.

Petroleum Ocean Deposit Test Case in Calif.

OPD Washington Bureau

The Department of Justice has filed a suit in the Federal District Court in Los Angeles to enjoin the Pacific Western Oil Corporation from extracting oil in the Elwood oil field off the California coast near Santa Barbara. The company is operating under a lease issued by the state of California.

The suit will be a test case to establish rights of the Federal government to petroleum deposits between the point of low tide and 3 mile offshore limit.

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Current Market Quotations Chemicals and Related Materials

June 1, 1945

Unless otherwise indicated, quotations are first-hands on large lots, f.o.b. New York. Price changes and trends are noted in the market reports, with other informative comment. The locations of these reports are given in the table of contents on page 4.

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A

Acacia (see Gum, Arabic).
Acetaldehyde,[4,6] 99%, dms., 55 gals., works..lb. .11 - —
5 and 10 gals., works....lb. .14 - —
Acetaldol (see Aldol).
Acetamide, CP, fib. dms., 5,000 lbs. a year, works..lb. .36 - —
smaller lots, works.....lb. .38 - .70
tech., fib. dms., 5,000 lbs. a year, works..lb. .28 - —
smaller lots, works.....lb. .30 - .50
Acetanilide, tech., cryst., bbls.lb. .29 - .31
powd., bbls.....lb. .27 - .29
USP, cryst., bbls.....lb. .36 - .37
kgs. .....lb. .37 - .39
powd., bbls.....lb. .34 - .35
kgs. .....lb. .35 - .37
Acetic anhydride,[6] dms., c.l., frt. alld..lb. .11½- —
l.c.l., frt. alld.....lb. .13 - —
Acetoacetanilide, bbls., dms...lb. .49 - .67
Acetone, CP,[1,6] dms., c.l., divd. E..lb. .08 - —
l.c.l., divd. E.....lb. .08½- —
tanks, divd. E.....lb. .07 - —
Acetone prices in West, ½c. per lb. higher.
Methyl (see M).
Acetonitrile, dms., c.l., works..lb. .60 - —
l.c.l., works.....lb. .75 - —
5-gal. lots, works.....lb. .80 - —
less than 5-gal. lots, works.lb. .90 - —
Acetophenetidin, USP, bbls., kgs., 1,000-lb. lots..lb. 1.00 - —
dms. .....lb. 1.08 - 1.10
Acetophenone, cns., dms.....lb. 1.68 - 1.75
Acetyl chloride, cbys., works..lb. .60 - —
Acid, abietic, dms., c.l., wks...lb. .07½- —
Acetic,[1,6] com'l or redist., 28% bbls..100 lbs. 3.38 - 3.63
50%, bbls.....100 lbs. 5.58 - 5.83
70%, bbls.....100 lbs. 6.68 - 6.93
80%, bbls.....100 lbs. 7.47 - 7.72
99.5%, bbls.....100 lbs. 9.15 - 9.40
glacial, nat., c.p., dms., works..100 lbs. 12.50 -13.25
99.5%, bbls.....100 lbs. 9.15 - 9.40
tanks .....100 lbs. 6.93 - 7.25
synth., tech., bbls., works.. 100 lbs. 9.15 - 9.40
dms., works.....100 lbs. 9.25 - 9.75
tanks, works.....100 lbs. 6.93 - 7.25
USP, dms., works..100 lbs. 10.50 -11.00
pure, 30%, bbls.....100 lbs. 4.41 - 4.69
36%, bbls.....100 lbs. 4.86 - 5.11
60%, bbls.....100 lbs. 7.60 - 7.85
80%, bbls.....100 lbs. 9.26 - 9.51
USP, 36%, cbys.....lb. .08 - .10
Acetic acid price ranges above are for c.l. and l.c.l. quantities. Carboys and cases are 50c. per 100 lbs. higher.
Acetic anhydride,[6] (see Acetic anhydride).
Acetylsalicylic,[1] special, USP, bbls., makers, primary distrib., point of shipm't, 100-lb. lots..lb. .45 - —
smaller lots, same basis, lb. .46 - .59
standard USP, fine cryst., gran. (20-40 mesh), powd. (50 mesh), 200-lb. bbls., same basis..lb. .40 - —
smaller lots, same basis, lb. .40 - .54
Freight equal'd, shipment identical quantity over standard routes, from N. Y. City, Phila., Midland, Mich., Chicago and St. Louis.
Adipic,[6] fib. dms., works....lb. .26½- —
Aminoacetic, USP (see Glycine).
Anthranilic, resub., bbls....lb. 1.20 - 1.25
tech., bbls. .....lb. .95 - —
Arsenous[6] tech. (see Arsenic, White).
USP, powd., dms., kgs....lb. .20 - .22
Ascorbic,[1] USP, dms., 500-kilo lots..kilo. 24.50 - —
25-50-kilo lots.....kilo. 25.00 - —
10-kilo lots.....kilo. 25.35 - —
5-kilo lots.....kilo. 25.70 - —
bots., kilo lots.....kilo. 26.41 - —
500 grams.....kilo. 27.47 - —
Battery, cbys., c.l., E. works, 100 lbs. 1.60 - —
l.c.l., E. works.....100 lbs. 1.95 - 2.55
Benzoic, tech., bbls., 4,000 lbs. or more..lb. .43 - —
1,000 to 3,900 lbs.....lb. .44 - —
900 lbs. or less.....lb. .47 - —
USP, bbls., 4,000 lbs. up..lb. .54 - —
1,000 to 3,900 lbs. up...lb. .55 - —
900 lbs. or less.....lb. .58 - .59
dms., 4,000 lbs. up.....lb. .55 - .56
1,000 to 3,900 lbs.....lb. .56 - .57
900 lbs. or less.....lb. .59 - .60
Betaoxynaphthoic, bbls., works, lb. .95 - —
Boric,[3] tech., 99.5% cryst. (same as prices for powder), gran., bgs., c.l., frt. alld.. ton. 99.00 - —
ton lots, ex whse..ton. 111.00 - —
less than ton lots, ex whse..ton. 116.00 - —
bbls., c.l., frt. alld..ton. 109.00 - —
ton lots, ex whse..ton. 121.00 - —
less than ton lots, ex whse..ton. 126.00 - —
bulk, frt. alld.....ton. 95.50 - —
powd., bgs., c.l., frt. alld., ton. 104.00 - —
ton lots, ex whse..ton. 116.00 - —
less than ton lots, ex whse..ton. 121.00 - —
bbls., c.l., frt. alld..ton. 114.00 - —
ton lots, ex whse..ton. 126.00 - —
less than ton lots, ex whse..ton. 131.00 - —
USP $25 per ton higher.

Acid, butyric, 99%, dms., c.l., works..lb. .29 - —
l.c.l., same basis.....lb. .30 - —
Broenera, bbls.....lb. 1.11 - —
Cacodylic, bots.....lb. 13.50 -15.50
Camphoric,[3] cns.....lb. 6.95 - 7.00
Caprylic, 90%, dms.....lb. No stocks
Capric, tech.,[7] frt. dms.....lb. No stocks
Castor oil,[1,7] split, ret. dms.lb. Nominal
Chlorosulphonic, dms., c.l., wks. lb. .03 - —
l.c.l., works.....lb. .03½- .04½
tanks, works.....lb. .02½- —
Chromic,[6] 99½-99¾%, dms., c.l. lb. .17 - —
l.c.l. .....lb. .17½- .19
Cinnamic, refd., bots.....lb. 3.50 Nom.
Citric,[6] anhyd., gran., dms., c.l..lb. .22½- —
l.c.l., 10,000 lbs, 1 ship't. lb. .23 - —
smaller lots.....lb. .23½- .26½
kgs. .....lb. .24 - —
USP, cryst., gran., bbls., c.l.lb. .20 - —
l.c.l., 10,000 lbs., 1 ship't. lb. .20½- —
smaller lots, bbls.....lb. .21 - —
dms. .....lb. .23 - .24
kgs. .....lb. .21½- —
powdered citric acid ½c. higher.
Cleve's, bbls.....lb. .65 - —
Coconut oil,[1,7] dist., dms...lb. .17½- .19½
Corn oil,[1,7] s.d., dms., c.l., works..lb. .12 - —
Cottonseed oil,[1,7] s.d., ret. dms., c.l..lb. .12 - .13
tanks, divd.....lb. .11¼- .12¼
Cresylic,[2,6] dom. coaltar, high-boil 50% (210°-215°), low boil 50% (204°-206°), and special blends, dms., c.l., works, frt. equald..gal. .81 - —
l.c.l., same basis...gal. .83 - —
tanks .....gal. .75 - —
Petroleum, heavy grade (247°-298°), dms., 20, Cal. ref..gal. .490 - —
Sewaren, N. J., ref... gal. .616 - —
1-19, Cal., ref.....gal. .510 - —
Sewaren, N. J., ref.. gal. .636 - —
tanks, divd.....gal. .586 - —
light grade (200°-246°), tanks, Cal. ref..gal. .690 - —
medium grade (220°-246°), dms., 20, Cal. ref..gal. .550 - —
Sewaren, N. J., ref.. gal. .536 - —
1-19, Cal. ref.....gal. .570 - —
Sewaren, N. J., ref. gal. .696 - —
tanks, divd.....gal. .646 - —
Crotonic, bbls., Canadian, wks. lb. .25 - —
Dichlorophenoxyacetic, cns., dms., works..lb. .85 - 1.10
Diethylbarbituric (see Barbital).
F (see Acid, Monosulphonic).
Formic, 85%, cbys., c.l., wks.lb. .10 - —
l.c.l., works.....lb. .10½- .11
90%, cbys., c.l., works.....lb. .10½- —
l.c.l. .....lb. .11 - .11½
Fumaric, tech., bbls., dms...lb. .27 - .31
Gallic, NF V, bbls.....lb. 1.27 - 1.30
fib. dms.....lb. 1.32 - —
technical, bbls.....lb. 1.10 - 1.15
Gamma, bbls.....lb. .85 - —
Gluconic, tech., 50%, bbls....lb. .12 - —
dmjn. .....lb. .21 - .23
kgs. .....lb. .14 - .15
Glutamic hydrochloride, dms., lb. 2.00 - 2.40
Glycolic (see Acid, hydroxyacetic).
H, bbls.....lb. .45 - —
Hydriodic, 45-47%, cbys.....lb. 2.42 - 2.44
5-lb. bots.....lb. 2.57 - —
57%, bots.....lb. 2.90 - —
Hydrobromic, medicinal, 48%, cbys, divd. E..lb. .48 - —
tech., 48%, cbys, same basis. lb. .45 - —
34%, cbys.....lb. .35 - .37
Hydrochloric (see Acid, Muriatic).
Hydrocyanic, cyls., works...lb. .80 - 1.00
N.F., dilute, 2%, 5-lb. bots., lb. .30 - .34
Hydrofluoric, anhyd.,[6] cyls., works..lb. .19 - .19½
tanks, works.....lb. .16 - —
30%, rubber dms., works...lb. .08 - .09
48%, rubber dms., works...lb. .12 - —
52%, rubber dms., works...lb. .12½- —
60%, rubber dms., works...lb. .13½- —
Hydrofluosilicic, 30-35%, bbls.lb. .08 - .09
Hydroxyacetic, 70% tech., bbls., non-return., Phila..lb. .084 - —
tanks, works, acid basis, lb. .08½- —
Hypophosphorous, USP djns., lb. .75 - .77
Lactic, edible, 50%, cbys., 20 or more..lb. .12½- —
smaller lots.....lb. .13 - .13½
80%, bbls., 5 or less.....lb. .24¼- .24¾
plastic grade, 50%, bbls., cbys., 20 or more..lb. .14¼- —
ten or less.....lb. .14¾- .15½
80%, bbls., cbys., 5 or less, lb. .26 - .26½
tech., dark, 22%, bbls., c.l., works..100 lbs. 2.90 - —
l.c.l., works.....100 lbs. 3.15 - —
cbys., works.....100 lbs. 4.15 - —
44%, bbls., c.l., works.... 100 lbs. 6.30 - —
l.c.l., bbls., works..... 100 lbs. 6.55 - —
cbys., works.....100 lbs. 7.55 - —
light, 22%, bbls., c.l., works, 100 lbs. 3.90 - —
l.c.l., works.....100 lbs. 4.15 - —
cbys., works.....100 lbs. 5.15 - —
44%, bbls., c.l., works.... 100 lbs. 7.30 - —
l.c.l., works.....100 lbs. 7.55 - —
cbys., works.....100 lbs. 8.55 - —
USP XII, 85% cbys.....lb. .54 - .57
USP VIII, 75% cbys.....lb. .52 - .55
Lauric[3] dist., 95%, dms....lb. .28 - —
Laurent's, bbls.....lb. .45 - —
Linseed oil,[1,6] light, dms...lb. .21¼- .22
dms., spot.....lb. .21½- .22
tanks, divd., E.....lb. .17½- .19¼

Acid, Maleic,[6] powd., dms....lb. .30 - —
Anhydride (see M).
Malic, powd., kgs.....lb. .47 - —
Mandelic, USP, dms., 1,000 lb. lots..lb. 2.03 - —
smaller lots.....lb. 2.10 - 2.30
Mixed, tanks, nitric unit....lb. .03 - .06
sulphuric unit.....lb. .0085- .009
Molybdic, kgs., works.....lb. .95 - 1.10
Monochloroacetic, tech., flakes, 96-97%, dms..lb. .16½- —
purified, flake, 99%, dms..lb. .20 - —
Monosulphonic, bbls.....lb. 1.50 - —
Muriatic, 18°, cbys., c.l., E. works..100 lbs. 1.50 - —
l.c.l., E works.....100 lbs. 1.75 - 2.45
tanks, works.....100 lbs. 1.05 - —
20°, cbys., c.l., E. works.... 100 lbs. 1.75 - —
tanks, E. works.....ton. 22.00 - —
22°, cbys., c.l., E. works.... 100 lbs. 2.25 - —
tanks, E. works.....ton. 32.00 - —
CP, USP, consumers, cbys. extra..lb. .08 - —
6-lb. bots., extra.....lb. .10 - —
dealers, cbys. extra.....lb. .06½- —
6-lb. bots., extra.....lb. .08½- —
Myristic,[3] dist., dms.....lb. No stocks
Naphthenic,[6] 210-220 acidity, dms., extra, works..lb. .10¾- —
tanks, works.....lb. .09 - —
230-245 acidity, dms., extra, works..lb. .12¾- —
tanks, c.l., works.....lb. .12 - —
Nicotinic, USP, dms.....kilo. 7.00 - 7.30
Nicotinic amide (see Nicotinamide)
Nitric,[6] 36°, cbys., c.l., E works..100 lbs. 5.00 - —
l.c.l., 25, E., works..100 lbs. 5.25 - —
10 to 24, works...100 lbs. 5.35 - —
1 to 9, works....100 lbs. 5.95 - —
38°, cbys., c.l., E. works.... 100 lbs. 5.50 - —
Western works...100 lbs. 5.75 - —
40°, cbys., c.l., E. works.... 100 lbs. 6.00 - —
42°, cbys., c.l., E. works.... 100 lbs. 6.50 - —
CP, USP, consumers, cbys. extra..lb. .13 - —
7-lb. bots., bots., cs., extra..lb. .15 - —
dealers, cbys. extra.....lb. .11½- —
7-lb. bots., cs., extra..lb. .13½- —
Oleic (see Oil, red).
Oleum (see Acid, sulphuric, fuming).
Oxalic,[1] bbls., c.l., works....lb. .11¼- —
10,000 lbs.....lb. .11½- —
smaller lots.....lb. .12½- —
Palm oil,[6] white, dist., dms..lb. No stocks
tanks .....lb. No stocks
Para-aminobenzoic, cns.....lb. 1.40 - —
Paranitrobenzoic, cns.....lb. .72 - —
Paratoluidinmetasulphonic, bbls. works..lb. .80 - —
Peanut oil,[1,7] s.d., tanks, works, lb. .11¼- —
Phenylacetic, bots.....lb. 3.00 - 3.25
Phosphoric,[6] food grade, 50%, bbls., c.l., works, frt. equald..100 lbs. 4.00 - 4.25
cbys., c.l., works, frt. equald..100 lbs. 4.35 - 4.60
l.c.l., works, frt. alld., 100 lbs. 5.25 - 7.25
tankwagon, divd. N. Y., Phila. Met. area..100 lbs. 4.00 - —
75%, bbls., c.l., works, frt. equald..100 lbs. 4.75 - 5.00
cbys., c.l., works, frt. equald..100 lbs. 5.10 - 5.35
l.c.l., frt. alld...100 lbs. 7.00 - 9.50
tanks, works, frt. equald, 100 lbs. 4.00 - 4.25
tankwagon, divd. N. Y., Phila. Met. area..100 lbs. 4.75 - —
USP, 100-lb. cbys., c.l.....lb. .10½- —
10 cbys. to c.l.....lb. .11½- —
2 to 9 cbys.....lb. .12 - —
single cbys.....lb. .13 - —
70-lb. cbys.....lb. .10½- —
25 cbys. to c.l.....lb. .11½- —
5 to 24 cbys.....lb. .12 - —
1 to 4 cbys.....lb. .13 - —
dilut., 10%, cbys., djns...lb. .07 - .07½
Picramic, kgs.....lb. .65 - .70
Picric, bbls.....lb. .35 - —
Propionic,[1] synth., pure, dms., works..lb. .19½- —
tanks, works... .....lb. .18½- —
Pyrogallic, tech., bbls.....lb. 1.45 - 2.06
USP., cryst., dms.....lb. 2.10 - 2.15
resub., dms.....lb. 2.60 - 2.65
Pyroligneous, bbls., divd. E... gal. .30 - —
Ricinoleic, com'l split (see Acid, castor oil, split).
Salicylic,[1] tech., bbls., c.l....lb. .26 - —
100 lbs. to c.l.....lb. .33 - —
smaller lots.....lb. .34 - .42
USP, bbls., c.l.....lb. .28 - —
100 lbs. to c.l.....lb. .35 - —
smaller lots.....lb. .36 - .44
Sebacic, tech., dms., works..lb. .55 - .57
Soybean oil,[1,7] s.d., dms., works, lb. .11¾- .16½
tanks, works.....lb. .11 - .15¾
Stearic,[1,7] double press, bgs.lb. .15¾- .16¾
single pressed, bgs.....lb. .15¾- .16¾
triple pressed, bgs.....lb. .18¾- .19¾
Succinic, bbls.....lb. .75 - —
Sulphanilic, CP, bots., works.lb. 1.60 - 1.63
tech., dms., works.....lb. .17 - —
Sulphuric,[6] 60°, cbys., c.l., E. works..100 lbs. 1.25 - —
l.c.l., ...lb. 1.50 - 2.20
tanks, E. works.....ton. 13.00 - —
66°, cbys., c.l., E. works..... 100 lbs. 1.50 - —
tanks, E. works.....ton. 16.50 - —
98°, tanks, works.....ton. 17.50 - —
C.P., USP, consumers, cbys. extra..lb. .08 - —
9-lb. bots., cs. extra..lb. .10 - —
dealers, cbys. extra...lb. .06½- —
9-lb. bots., cs. extra..lb. .08½- —
fuming, 20%, tanks, E. works. ton. 19.50 - —
Tannic, tech., bbls., dms....lb. .71 - .73
USP, fluffy, bbls., 1,000 lbs... lb. 1.33 - —
smaller lots.....lb. 1.35 - 1.38
powd., bbls., 1,000 lbs..lb. 1.13 - —
smaller lots.....lb. 1.15 - —

Acid, tartaric, USP, cryst., gran., powd., bbls., 10,000 lbs., 1 ship't..lb. .70¼- —
smaller lots.....lb. .71 - —
kgs. .....lb. .71½- —
Thioglycolic, highly purified, bbls., cbys., basis 100%..lb. 3.50 - 7.00
Tobias, bbls.....lb. .55 - .60
Trichloroacetic, bots.....lb. 2.00 - 2.50
Tungstic,[6] CP, 100-lb. pkgs..lb. 2.94 - 3.10
pure, 100-lb. kgs.....lb. 2.86 - —
Aconite leaves, bls.....lb. 1.10 - 1.40
Root, bls.....lb. 1.15 - —
Aconitine, amorph., bots.....oz. 23.00 -28.00
15-gr. vials.....vial. 1.00 - —
cryst., bots.....oz. 42.00 -48.00
15-gr. vials.....vial. 1.00 - —
Acrylonitrile, dms., c.l., frt. alld. lb. .39½- —
l.c.l., works.....lb. .40 - .41
tankcars, frt. alld.....lb. .39 - —
Adeps lanae,[1,7] USP, anhyd., cosmetic, dms., works..lb. .53 - .84
pharmaceutical, d m s., works..lb. .32 - .33
Agar .....lb. 3.50 - —
San Diego, Cal.....lb. 3.00 - —
Agaric, white, bls.....lb. 3.75 - 4.00
Albumen, blood, dark (see Blood, soluble).
light, dms., Chicago.....lb. .65 - .70
egg, edible,[1] powd., bbls.....lb. 1.86 - 1.96
granular, cryst., bbls.....lb. 1.81 - 1.91
tech., cryst., bbls.....lb. 1.40 - 1.55
Alcohol, allyl, dms., c.l., divd.lb. .21 - —
l.c.l., divd. .....lb. .21½- —
tankcars, divd. .....lb. .20 - —
Amyl[6] ex pentane, dms., c.l., frt. alld. E. of Miss. R. lb. .141 - —
l.c.l., frt. alld.....lb. .151 - —
tanks, frt. alld.....lb. .131 - —
(see also Fusel oil, ref.).
Benzyl, cns.....lb. .65 - .75
dms. .....lb. .63 - —
Butyl, normal,[1,6] ferment, Ill., Ind. prod., dms., c.l., frt. alld..lb. .1880- —
l.c.l., frt. alld. E.....lb. .1930- —
tanks, frt. alld. E.....lb. .1780- —
tankwagons, frt. alld. E. lb. .1830- —
other production, dms., c.l., frt. alld. E..lb. .1960- —
l.c.l., frt. alld. E....lb. .2000- —
tanks, frt. alld. E....lb .1850- —
synthetic, dms., c.l., frt. alld. E..lb. .11¾- —
l.c.l., frt. alld. E....lb. .12¼- —
tanks, frt. alld. E.....lb. .10¾- —
Normal butyl alcohol prices in West, ½c. per lb. higher.
secondary,[6] dms., c.l., divd. E. of Miss..lb. .091 - —
l.c.l., same basis.....lb. .096 - —
tanks, same basis.....lb. .085 - —
tertiary, denat., dms., c.l..lb. .125 - —
l.c.l., dms.....bl. .13 - —
tanks .....lb. .11 - —
Capryl,[6] dms., c.l., works..lb. .17½- —
l.c.l., works.....lb. .18¼- —
tanks, works.....lb. .16 - —
Cetyl, dom., CP, fiber ctns., 1,000 lbs..lb. 1.75 - 1.80
smaller lots.....lb. 1.90 - 2.00
Cinnamic, bots.....lb. 4.00 - 4.25
Denatured,[1,5,6] CD14, dms., c.l., works, E..gal. .57 - —
l.c.l., works, E.....gal. .59 - .62
tanks, E. divd.....gal. .50 - —
tankcar sales require written authorization by Alcohol Tax Unit.
SD1, 190 pf., dms., c.l., E. works..gal. .57 - —
l.c.l., works, E.....gal. .59 - .63
tanks, E. works.....gal. .50 - —
Anhydrous 3c. per gal. higher.
SD2B, dms., c.l., wks., E.gal. .55 - —
l.c.l., works, E.....gal. .59 - .60
tanks, E. works.....gal. .48 - —
SD23G (replaced by SD28H).
SD23H, dms., c.l.....gal. .56½- —
l.c.l., works, E.....gal. .58½- .61½
tanks, E. works.....gal. .49½- —
SD29, denatured, with acetaldehyde, dms., c.l., E. works, gal. .56½- —
l.c.l., works, E.....gal. .60 - .63
tanks, E. works.....gal. .49½- —
When any of the several SD29 denaturants is supplied by the purchaser, the prices are the same as those for SD2B, plus 1½c. per gal. denaturing charge.
Special solvent, dms., c.l., works, E..gal. .53 - —
l.c.l., works, E.....gal. .60 - .63
tanks, E. works.....gal. .51 - —
Tankcar sales require written authorization by Alcohol Tax Unit.
Diacetone,[3,6] acetone-free, dms., c.l., divd..lb. .11¼- .14½
l.c.l., divd.....lb. .11¾- .15
tanks, divd.....lb. .10¼- .13½
tech., dms., c.l., divd.....lb. .11 - .13½
l.c.l., divd.....lb. .11¼- .14
tanks, divd.....lb. .10 - .12½
Ethyl,[6] 190 pf., dms., c.l., works..gal. 17.67 - —
l.c.l., works.....gal. 17.70½-17.73½
tanks .....gal. 17.60 - —
absolute, dms., c.l., works.gal. 18.62 - —
l.c.l., works.....gal. 18.65½-18.68½
tanks .....gal. 18.53 - —
Ethylhexyl, dms., c.l., works..lb. .24 - —
l.c.l., works.....lb. .26 - —
tanks, works.....lb. .23 - —

Wartime Status of Materials

Applications of WPB and OPA regulations to materials listed in this section are indicated by superior figures as follows:—

[1]—Specific price ceiling
[2]—Price agreement (sellers with OPA)
[3]—General Limitation Order (L order)
[4]—General Preference Order (M order)
[5]—Conservation Order (M order
[6]—Allocation
[7]—WFA Orders

Alcohol, furfuryl, tech., cns., works..lb. .33 - —
dms., c.l., works.....lb. .22½- —
l.c.l., works.....lb. .25 - —
tanks, works.....lb. .20 - —
Isoamyl (see Carbinol, isobutyl).
Isobutyl,[3] refd., dms., works..lb. .0860- —
tanks, works.....lb. .0760- —
Isopropyl,[3,6] refd., 91%, dms., extra, c.l., dlvd..gal. .37½- —
l.c.l., dlvd.....gal. .41 - —
tanks, dlvd.....gal. .34 - —
99%, dms., extra, c.l., dlvd., gal. .41 - —
l.c.l., dlvd.....gal. .44½- —
tanks, dlvd.....gal. .37½- —
Isopropyl alcohol, dms., included, 3c. per gal. more.
Methyl (see Methanol).
Octyl (see Alcohol, ethylhexyl).
Phenylethyl, dms.....lb. 2.10 - —
Polyvinyl, type A, fiber-pack, Niagara Falls..lb. .65 - .70
type B, fiber-pack, same basis, lb. .60 - .63
Propyl, dms., works.....lb. .67 - .70
Tetrahydrofurfuryl, cns., Cedar Rapids, Ia..lb. .55 - —
dms., c.l., Waverly, N. Y..lb. .40 - —
l.c.l., same basis.....lb. .50 - —
Aldol,[6] dms., works.....lb. .13 - .15
denaturing grade, dms.....gal. 1.20 - —
Aletris root, bgs.....lb. 2.30 - 2.35
Algin, bbls., fib. dms.....lb. .76 - 1.60
Alizarin (see Red, alizarin).
Alkanet root, bgs.....lb. No stocks
Allspice,[1] Mexican, bgs.....lb. .16 - .16½
Allyl bromide, cbys, 5,000 lbs., works..lb. .99 - —
smaller lots, works.....lb. 1.05 - 1.10
chloride, dms., c.l., dlvd....lb. .13½- —
l.c.l., dlvd.....lb. .14 - —
tanks, dlvd.....lb. .12½- —
Aloe, Cape, cs.....lb. .28 - .33
Curacao, kgs.....lb. .48 - .49
Socotrine, kgs.....lb. .47 - .48
Aloin, bbls., dms., kgs.....lb. 5.45 - 5.54
Alphanaphthol, bbls.....lb. .52 - —
Alphanaphthylamine, bbls.....lb. .32 - —
Alphapicoline, ret. dms., works, frt. equald..lb. .23½- .28½
Alphapinene, dms., c.l., wks.gal. .87 - —
l.c.l., works.....gal. .89 - —
tanks, works.....gal. .84 - —
Alphaterpineol, dms., c.l, works, lb. .1340- —
l.c.l. works.....lb. .1390- —
tanks, works.....lb. .1200- —
Alphatocopherol, amp.....gram. 1.00 - 1.10
Althea root, NF, peeled, bls...lb. .55 - .60
Alum, ammonia,[6] burnt, USP, bbls., kgs....lb. .16 - .18
gran., bbls., works....100 lbs. 4.00 - —
dlvd., N. Y., Phil..100 tons. 4.00 - —
lump, bbls., works....100 lbs. 4.25 - —
dlvd., N. Y., Phil..100 lbs. 4.25 - —
powd., bbls., works....100 lbs. 4.40 - —
dlvd., N. Y., Phil..100 lbs. 4.40 - —
Potash, gran., bbls., wks.100 lbs. 4.25 - —
dlvd., N. Y., Phil..100 lbs. 4.25 - —
lump, bbls., works....100 lbs. 4.50 - —
dlvd., N. Y., Phil..100 lbs. 4.50 - —
powd., bbls., works....100 lbs. 4.65 - —
dlvd., N. Y., Phil..100 lbs. 4.65 - —
Potash-chrome, bbls.....lb. .12¼- .15
Soda, bbls., c.l., works..100 lbs. 3.25 - —
l.c.l., dlvd.....100 lbs. 4.25 - 5.00
Alumina classified, grade, ground, kgs., works..lb. .35 - .67
top grade, ground, kgs., works. lb. .60 - .67
unclassified, ground, kgs., works..lb. .10½- .46
Acetate, basic, solu., 24%, bbls., dlvd..lb. .10½- .11
20%, bbls., dlvd.....lb. .09½- .10
Chloride, anhyd., com'l, dms., c.l., works..lb. .08 - .11
l.c.l., works.....lb. .09 - .12
cryst., com'l, dms., c.l., works, lb. .06 - —
l.c.l., works.....lb. .06½- .06¾
Chloride, solut., 32 deg., cryst., c.l., works..lb. .02¾- —
l.c.l., works.....lb. .03¼- —
Fluoride, tech., bbls.....lb. .25 - —
Formate, solut., 12-20° Be, bbls., c.l., works..lb. .09¼- —
l.c.l., works.....lb. .10 - —
Hydrate,[6] heavy, bgs., c.l., works..lb. .024 - .031
l.c.l., works.....lb. .035 - .040
light, bgs., dlvd.....lb. .14½- —
bbls., dlvd.....lb. .15 - —
Hydroxide, gel, tech., min. 15% Al (OH)₃, 10,000 lbs. or more, f.o.b. ship't point, lb. .03 - .03¼
ton lots, same basis..lb. .03¼- .03½
smaller lots, same basis, lb. .03¾- .04
USP purity, conc., 9-9½% Al_2O_3, fib. dms., works..lb. .17¾- —
contract, works.....lb. .16¾- —
14-15% Al_2O_3, fib. dms., works..lb. .20¾- —
contract, works.....lb. .19¾- —
dried, USP XII, fib. dms., works..lb. .78 - —
contract, works.....lb. .75 - —
powder, tech. (see Alumina hydrate).
USP IX, bbls., dms.....lb. .15 - .17
Laurate, prec., bbls.....lb. .25 - .26
Naphthenate, 1.7% Al, 50-gal. dms., works..lb. .18¾- —
Oleate, dms., contract.....lb. .24½- —
Resinate, precip., dms.....lb. .15½- —
Stearate, precip., ctn., c.l....lb. .23 - —
l.c.l.....lb. .24 - —
Sulphate, com'l, bgs., c.l., works, frt. equald..100 lbs. 1.15 - 1.25
l.c.l., works, frt. equald., 100 lbs. 1.40 - 1.50
bbls., c.l., works, frt. equald., 100 lbs. 1.35 - 1.45
l.c.l., works, frt. equald., 100 lbs. 1.60 - 1.70
Iron-free, bgs., c.l., works... 100 lbs. 1.85 - —
l.c.l., works.....100 lbs. 2.10 - —
Trihydrate, heavy (see Alumina hydrate).
Aluminum, 98-99%,[2,3,4] c.l....lb. .15 - —
l.c.l.....lb. .15 - .16
Paste, lining, extra fine, 200-lb. dms..lb. .56 - .60
ink, 150-lb. dms.....lb. .71 - —
standard, 200-lb. dms.....lb. .38 - —
Powder, lining, extra fine, 150-lb. dms..lb. .83 - —
litho, 150-lb. dms.....lb. .57 - —
standard, 200-lb. dms..lb. .59 - —
rubber comp., 200-lb. dms..lb. .40 - —
unpolished, stand., dms....lb. .36 - —
varnish, stand., 300-lb. dms., lb. .40 - —

Aluminum powder and paste prices are f.o.b. shipping point. Add 1c. per lb. for 100 lb. dm., 1¼c. per lb. for 50-lb. dm., 3c. per lb. for 10-lb. can, and 5c. to 12c. per lb. for smaller containers. Deduct 1c. per lb. for single shipment of 400 to 1,499 lbs., 2c. for 1,500 to 4,999 lbs., 3c. for 5,000 to 29,000 lbs., and 4c. for 30,000 lbs. or more. Where destination is within the continental U. S., a deduction equivalent to the lowest available common carrier, transportation rate will be made from sellers' invoice on orders of 200 lbs. or over.

Ambergris, gray, tins.....oz. 13.50 -14.00
Aminomethylpropanol, cns., dms., works..lb. .50 - .60
Aminopyrine, bots., dms.....lb. 4.00 - 4.40
Ammonia,[6] anhydrous, fertilizer, tankcars, works, frt. equald. ton. 59.00 - —
pure, cyls.....lb. .14½- —
refrigeration, tanks, works. ton. 69.00 - —
Aqua, 26°, cbys.....lb. .05¼- —
dms., c.l.....lb. .02¼- —
l.c.l.....lb. .02½- —
tanks, works (NH_3 content). ton. 65.00 - —
Benzoate, USP, dms., kgs., 4,000 lbs., up, frt. alld..lb. .43 - —
smaller lots, frt. alld....lb. .44 - .47
Bicarbonate, dms., c.l.....lb. .0564- —
Bichromate, bbls.....lb. .23 - .25
Bifluoride, bbls.....lb. .15 - .15½
Borate, gran., bbls., kgs.....lb. .1080- —
powd., bbls., kgs.....lb. .1130- —
Bromide, NF, bbls.....lb. .28 - —
dms.....lb. .29 - —
Carbonate, USP, lump, dms..lb. .08¼- .09¼
cns.....lb. .14¼- .17¼
powdered, 1c. per lb. higher.
Chloride, tech. (see Ammoniac, sal).
USP, gran., bbls., dms., kgs.. lb. .13 - .15
Citrate, dibasic, bbls.....lb. .75 - —
dms.....lb. .80 - .85
Fluoride,[6] bbls.....lb. No stocks
Hydroxide (see Ammonia, aqua).
Hypophosphite, NF, dms.....lb. 1.25 - 1.27
jars.....lb. 1.30 - 1.35
Iodide, NF, bots.....lb. 3.71 - —
jars.....lb. 3.65 - —
Linoleate, 80%, anhyd., bbls.lb. .12 - —
Molybdate,[6] c.p., cryst., kgs..lb. 1.26 - 1.28
fine cryst., bbls., kgs.....lb. .84 - .87
purified, dms.....lb. 1.10 - 1.12
Nitrate,[1,6] fertilizer grade, Canadian, 32.5% nitrogen, bgs., same N unit price, delivered, as Ammonia sulphate, domestic, bgs., c.l., shipping points..ton. 50.00 - —
bulk, same basis.....ton. 46.00 - —
tech., bgs., works.....100 lbs. 4.35 - 4.50
bbls., works.....100 lbs. 4.55 - —
Nitrate-limestone,[6] 20.5% N, bgs., Hopewell, Va..ton. 32.50 - —
Oleate, dms.....lb. .14 - —
Oxalate, fine gran., bbls.....lb. .23 - —
dms.....lb. .25 - .29
Percholate, kgs.....lb. No stocks
Persulphate, kgs.....lb. .25½- .28½
Phosphate, dibasic, NF V, bbls., kgs..lb. .37 - .39
tech., bgs., c.l., works....lb. .07 - —
l.c.l., works.....lb. .07¾- —
monobasic, pure, bbls.....lb. .39 - .41
tech., bgs., c.l., works....lb. .07 - —
l.c.l., works.....lb. .07¾- .08¼
Salicylate, NF, dms., kgs....lb. 1.15 - 1.18
Silicofuoride,[6] bbls.....lb. .15 - .18
Stearate, anhydrous, dms....lb. .34 - —
paste, dms.....lb. .08¼- —
Sulphamate, bbls., works....lb. .18 - .24
Sulphate,[1,6] bulk, inland producing ovens..ton. 28.20 - —
Atlantic coast ports..ton. 29.20 - —
Sulphide, liquid, 40-45%, basis 100%, dms., c.l., works..lb. .09 - —
l.c.l., dlvd.....lb. .15 - —
tanks, dlvd.....lb. .07½- —
red, 48%, cbys., works.....lb. .08 - —
dms., works.....lb. .06 - —
yellow, 33%, cbys., works..lb. .08 - —
dms., works.....lb. .06 - —
Sulphocyanide, CP, bbls.....lb. .55 - —
jars.....lb. .97 - —
tech., bbls.....lb. .17 - .19
Thioglycollate, highly purified, 100% basis, bbls..lb. 7.10 - 8.25
Ammoniac gum (see Gum, ammoniac).
Sal, gray, bbls., c.l., works... 100 lbs. 5.50 - 5.75
l.c.l., works.....100 lbs. 6.00 - 6.70
white, gran., bbls., c.l., works, 100 lbs. 4.45 - —
l.c.l., same basis..100 lbs. 5.15 - —
Amyl acetate,[6] ex fusel oil, tech., dms., c.l., dlvd..lb. .12½- .16½
l.c.l., dlvd.....lb. .13 - .19
tanks, dlvd.....lb. .11½- .17½
ex-pentane, dms., c.l., frt. alld. E. of Miss. R..lb. .15½- —
l.c.l., same basis.....lb. .16½- —
tanks, same basis.....lb. .14½- —
Alcohol (see Alcohol, amyl).
Butyrate, dms.....lb. .90 - 1.00
Chloride, mixed, tech., dms., c.l., works.....lb. .07 - —
l.c.l., works.....lb. .08 - —
tanks, works.....lb. .06 - —
Ether, dms., c.l., works.....lb. .09½- —
l.c.l., works.....lb. .102 - —
tanks, works.....lb. .08½- —
Nitrite, USP, bots.....lb. 1.72 - 1.80
Mercaptan, dms., works.....lb. 1.10 - —
Salicylate, bots.....lb. .75 - 1.00
Stearate, dms., works.....lb. .42 - —
Amylene mixed, dms., c.l., works, lb. .102 - —
l.c.l., works.....lb. .11 - —
tanks, works.....lb. .09 - —
Anethol, com'l, dms., works...lb. .657 - .667
NF, dms.....lb. 2.60 - 3.00
Angelica atropurpurea root, dms., bls..lb. .80 - 1.35
Angostura bark, bls.....lb. .21 - .22
Anilin[6] oil, dms., c.l., works, frt. alld..lb. .11½- —
l.c.l., works, frt. alld....lb. .12½- —
tanks, works, frt. alld.....lb. .10½- —
Salt, dms., works.....lb. .22 - .24
Anise,[1] Bulgarian, bgs.....lb. No stocks
Cyprus, bgs.....lb. .28½ Nom
Mexican, futures, bgs.....lb. .17½- .18
Syrian, bgs.....lb. .19 - .20
Turkish, bgs.....lb. No stocks
Anisic aldehyde, bots.....lb. 3.25 - 3.35
Annatto,[5] paste, bxs.....lb. .34 - .39
Seed, bgs.....lb. .08½- —
Anthracene, 80-85%, bbls., works, lb. 55 - —
90%, bbls., works.....lb. .65 - —
Anthraquinone, 99.5%, bbls....lb. .70 - —
Antimony butter (see Antimony chloride).
Chloride, solut., cbys.....lb. .17 - —
Metal,[1,6] bulk, c.l., works...lb. .14½- .17½
Needle,[1,6] Bolivian, brown, c.l., works.....lb. .18½- —
Chinese, black, 70%, cs.....lb. .20 - .22
Oxide,[1] ceramic grade, bgs., c.l...lb. .15 - —
l.c.l.....lb. .15½- —
paint grade, bgs., c.l.....lb. .16¾- —
l.c.l.....lb. .16¾- —
Salt,[1,6] 65%, bbls., dlvd. E. of Miss. River..lb. .40 - —
Sulphide,[1,6] 65-70%, bbls., c.l., works..lb. .17 - —
l.c.l., works.....lb. .17½- —
Antipyrine, bbls., kgs., ton....lb. 2.00 - —
smaller lots.....lb. 2.10 - 2.20
Apomorphine, bots.....oz. 23.20 -23.70
Apple syrup,[1] bbls.....lb. .14 - .16
Archil extract, bbls.....lb. No stocks
Areca nuts, powd., bbls.....lb. .23 - .24
Arecoline hydrobromide.. bots.oz. 6.10 - 7.10
Argols, min. 70%, bgs., shipment port, 100 kilos, 100% purity. kilo. 72.00 -73.00
Arnica flowers, bls.....lb. 2.35 - 2.45
Arrowroot, powd., bgs., bbls...lb. .10 - .10¾
Arsenic,[6] chloride (arsenous), bots., lb. 1.55 - —
Metal, lump, c.l.....lb. No prices
Sulphide, yellow, bbls.....lb. No stocks
Trioxide (see Acid, arsenous, and Arsenic, white).
White, powd., kgs., c.l.....lb. .04 - —
l.c.l.....lb. .04¾- —
Asafetida, cs.....lb. .45 - .68
powd., bbls., dms.....lb. .55 - .82
Asbestine (see Talc, N. Y. fibrous)
Asbestos fiber, 5D and 5K, bgs., c.l. (20 tons), Cana. mines, ton. 49.50 - —
5R, bgs., same basis....ton. 44.60 - —
c.l., same basis.....ton. 44.60 - —
6D, bgs., same basis....ton. 33.00 - —
c.l., same basis.....ton. 33.00 - —
7D, bgs., same basis....ton. 28.50 - —
c.l., same basis.....ton. 28.50 - —
7F, bgs., same basis....ton. 26.50 - —
c.l., same basis.....ton. 26.50 - —
7H, bgs., same basis....ton. 22.50 - —
c.l., same basis.....ton. 22.50 - —
7K, bgs., same basis....ton. 19.00 - —
c.l., same basis.....ton. 19.00 - —
7M, bgs., same basis....ton. 16.50 - —
c.l., same basis.....ton. 16.50 - —
7R, bgs., same basis....ton. 15.50 - —
c.l., same basis.....ton. 15.50 - —
Asphaltum, Barbados, Dunellen, N. J..lb. .10½- —
California, dms., c.l.....ton. 36.40 - —
l.c.l. .....ton. 41.40 - —
Cuba A, bulk, c.l.....ton. 60.00 - —
l.c.l.....ton. 90.00 - —
B, bulk, c.l.....ton. 38.50 - —
l.c.l.....ton. 55.00 - —
Egyptian.....ton. No stocks
Gilsonite, brilliant black, selects, 340°F fusing point, bgs., mines..ton. 32.20 - —
270-295°F fusing point, bgs., mines..ton. 30.50 - —
seconds, 300-390°F fusing point, not uniform, bgs., mines..ton. 25.50 - —
jet, bgs., ton lots, gross weight, Colo. mines..ton. 30.50 - —
Manjak No. 10, crude, dms., works..lb. .05½- .12
process form, bgs., works, lb. .05¾- .13
jet, bgs., 2,000 lbs., gross weight, Colo. mines..ton. 30.50 - —
Mexican, refd., dms., c.l., Texas refy..ton. 21.00 - —
l.c.l., same basis.....ton. 21.00 -23.00
tanks, same basis.....ton. 16.00 - —
Atropine, bots.....oz. 7.85 - —
Sulphate, bots.....oz. 5.75 - 6.15

B

Balm of Gilead buds, bgs.....lb. 1.05 - 1.15
Barbasco root,[3,6] (see Cube root).
Barberry root bark, bgs.....lb. .90 - .95
Barbital, dms.....lb. 3.50 - 3.60
Sodium, dms.....lb. 3.75 - 3.85
Barium carbonate,[6] natural, 90% thruugh 200 mesh, bgs., c.l., works..ton. 43.00 - —
precip., bgs., c.l., works...ton. 60.00 -70.00
l.c.l., works.....ton. 65.00 -75.00
bbls., c.l., works.....ton. 65.00 -75.00
l.c.l., works.....ton. 70.00 -80.00
Chlorate, kgs., works.....lb. .27½- .31
Chloride, CP, cryst., bbls....lb. .25 - .27
pure, bbls., kgs.....lb. .10 - .12
tech., cryst.,[6] bgs., c.l., works, ton. 73.00 - —
l.c.l., works.....ton. 78.00 - —
bbls., c.l., works.....ton. 75.00 - —
l.c.l., works.....ton. 80.00 - —
Dioxide, dms., c.l., works....lb. .10 - —
l.c.l., works.....lb. .12 - .13
Fluoride, bbls.....lb. .18 Nom
Hydrate (see Hydroxide).
Hydroxide, bbls., works.....lb. .06 - .07
Iodide, bots.....lb. 4.62 - 4.82
Monoxide (see Oxide).
Nitrate, bbls., c.l., works...lb. .09½- .11½
l.c.l., works.....lb. .10 - .11¾
Oxide, dms., c.l., works....lb. .10 - —
l.c.l., works.....lb. .12 - .14
grd., dms., l.c.l., works....lb. .13 - .16
Peroxide (see Dioxide).
Silicofluoride, bbls.....lb. .17 - .19
Stearate, ctns., 1 ton up.....lb. .31 - —
smaller lots.....lb. .32 - —
Sulphate, tech. (see Barytes, and Blanc fixe).
X-ray, bbls.....lb. .09½- .10
kgs.....lb. .12 - —
Barytes, floated, bbls., c.l., St. Louis..ton. 27.65 - —
l.c.l., same basis.....ton. 28.65 - —
ex whse., N. Y.....ton. 36.00 - —
paper bags, c.l., St. Louis.ton. 25.35 - —
l.c.l., same basis.....ton. 26.35 - —
ex whse., N. Y.....ton. 34.00 - —
Southern, off-color, bgs., mines, ton. 17.50 - —
95.75%, bgs., mines.....ton. 18.00 - —
Ore, approx. 94% $BaSo_4$, bulk, mines..ton. 8.50 - —
Bauxite bulk, mines.....ton. 7.00 -10.00
Bay leaves (see Laurel leaves).
Barberry bark, bgs.....lb. .12 - .13
Belladonna leaves, bls.....lb. .72 - 1.00
Root, bls.....lb. 1.50 - 1.55
Bentonite, 200 mesh, bgs., works, ton. 11.00 - —
325 mesh, bgs., works.....ton. 16.00 - —
Benzaldehyde,[6] NF, dms.....lb. .85 - 1.25
tech., cbys., dms.....lb. .45 - .55
Benzene (see Benzol).
Benzidin base, bbls.....lb. .70 - —
Benzocaine, cns.....lb. 3.20 - 3.55
Benzol,[6] (benzene), pure, nitration and 90%, dms., works, gal. .20 - —
tanks, E. of Omaha, frt. allo. up to 2c. per gal., gal. .15 - —
W. Coast, Minnequa, Colo..gal. .15 - —
Benzophenone, dms.....lb. 1.15 - 1.20
Benzoyl chloride, cbys.....lb. .26 - .28
Peroxide, pure, gran., fib. ctns., works..lb. 1.95 - —
Benzyl acetate, f.f.c., cns.....lb. .59 - .60
dms.....lb. .55 - .56
Alcohol (see Alcohol, benzyl).
Benzoate,[6] a.m.a., f.f.c., dms.lb. 1.00 - 1.10
Chloride,[6] cbys., frt. equal..lb. .22 - .24
Cinnamate, cns.....lb. 5.15 - 5.50
Formate, cns.....lb. 3.00 - 3.50
Propionate, bots.....lb. 1.85 - 2.50
Salicylate, bots.....lb. 1.90 - 2.15
Benzylidinacetone, bots.....lb. 2.00 - 2.50
Benzylisoeugenol, bots.....lb. 9.50 - —
Berberine bisulphate, cns.....lb. No stocks
Hydrochloride, bots.....lb. No stocks
Sulphate, cns.....lb. No stocks
Berberis root, bls.....lb. .30 - .36
Betanaphthol, resublimed, dms., works..lb. .55 - .60
tech., bbls., c.l., works....lb. .23 - —
l.c.l., works.....lb. .24 - —
Benzoate, fib. dms., works...lb. 1.75 - —
Salicylate, dms.....lb. 5.00 - —
Betanaphthylamine, tech., works, lb. .51 - —
Betapicoline, 99%, ret. dms., c.l., works..lb. 1.00 - —
l.c.l., works.....lb. 1.85 - —
95%, works.....lb. 2.05 - —
98-99%, works.....lb. 2.20 - —
Betaglutamapicoline, dms., c.l., works..lb. .23½- —
l.c.l., works.....lb. .24½- —
Bath root, bls.....lb. .43 - .44
Bismuth[6] chloride, bots.....lb. 3.00 - —
jars.....lb. 2.85 - —
Citrate, USP VIII, bots.....lb. 2.81 - 2.86
jars.....lb. 2.75 - —
Hydroxide, bots.....lb. 3.41 - 3.46
cns.....lb. 3.35 - —
Metal, ton lots.....lb. 1.25 - —
Nitrate, cryst., bots.....lb. 1.41 - 1.46
cns.....lb. 1.30 - —
Oxychloride, bots.....lb. 3.14 - 3.19
cns., dms., kgs.....lb. 3.10 - —
Subbenzoate, bots.....lb. 3.51 - —
fib. dms.....lb. 3.40 - —
Subcarbonate, USP, bbls., dms., lb. 1.59 - 1.62
bots., cns.....lb. 1.59 - 1.63
X-ray, 5-lb. bots.....lb. 2.79 - —
fib. dms.....lb. 2.73 - —
Subgallate, NF, bots., cns...lb. 1.49 - 1.53
fib. dms.....lb. 1.40 - 1.43
Sublodide, bots.....lb. 4.19 - 4.25
fib. dms.....lb. 4.13 - —
Subnitrate, USP, powd., bbls., dms..lb. 1.20 - 1.23
bots.....lb. 1.29 - 1.33
Subsalicylate, USP, bbls., fib. dms..lb. 2.50 - —
5-lb. cns.....lb. 2.54 - 2.59
Sulphocarbolate, bots.....lb. 3.71 - 3.74
fib. dms.....lb. 3.65 - —
Bismuth-ammonia citrate, USP, powd., dms..lb. 3.40 - —
cns.....lb. 3.45 - 3.50
Black, acetylene,[6] bgs., c.l., works..lb. .14 - —
l.c.l., works.....lb. .18 - —
Bone 1A, bgs., bbls., c.l., frt. alld. E..lb. .17 - —
2, bgs., bbls., c.l., same basis, lb. .12 - —
3, bgs., bbls., c.l, same basis, lb. .11 - —
4 bgs., bbls., c.l., same basis, lb. .08½- —
400A, bgs., bbls., c.l., same basis..lb. .08½- —
457, bgs., bbls., c.l., same basis..lb. .11½- —

Bone black l.c.l. prices are ½c. higher than c.l. Pacific coast, ex dock, or whse., prices are 1½c. higher.

Carbon, beads, compressed,[6] bgs., c.l., works..lb. .0525- —
l.c.l., dlvd. or whse...lb. .092 - —
ctns., l.c.l., dlvd. or whse. lb. .092 - —
regular, uncompressed, bgs., c.l., works..lb. .03625- —
l.c.l., dlvd. or whse...lb. .08 - —
ctns., l.c.l., dlvd. or whse., lb. .08 - —
Charcoal (see C).
Graphite (see G).
Iron oxide, magnetic, pure, bbls., l.c.l., works..lb. .08½- —
Lamp, 1, ctns., works.....lb. 08½- —
l.c.l., works.....lb. .09 - —
2, ctns., c.l., works.....lb. .10 - —
l.c.l., works.....lb. .11 - —
2A, ctns., c.l., works.....lb. .12 - —
l.c.l., works.....lb. .13½- —
3, ctns., c.l., works.....lb. .14¼- —
l.c.l., works.....lb. .15¼- —
4, ctns., c.l., works.....lb. .16½- —
l.c.l., works.....lb. .17½- —
5, ctns., c.l., works.....lb. .20 - —
l.c.l., works.....lb. .26 - —
6, ctns., c.l., works.....lb. .26½- —
l.c.l., works.....lb. .27½- —
7, ctns., c.l., works.....lb. .37½- —
l.c.l., works.....lb. .38½- —
Mineral, vine type, bbls., l.c.l., works..lb. .04¾- —
Vine A, bbls.....lb. .04½- .05
B, bbls.....lb. .05¾- —
kegs.....lb. .06 - —
Black dyes (see Dyes).
Black haw root bark, bls....lb. .90 - .95
Tree bark, bls.....lb. .40 - .50
Black Indian hemp root, bls....lb. .50 - .55
Blanc fixe, dry, by-product, bgs., c.l., works..ton. 60.00 - —
l.c.l., works.....ton. 67.00 - —
direct process, bags, c.l., works..ton. 70.00 - —
bbls., c.l., works.....ton. 75.00 - —
l.c.l., works.....ton. 80.00 - —
pulp, 66⅔%, bbls., c.l., works, ton. 40.00 - —
l.c.l., same basis.....ton. 46.50 - —
Bleaching powder,[3] dms., c.l., works—100 lbs. 2.50 - 3.10
l.c.l., works.....100 lbs. 2.75 - 3.60
Blood,[1] dried, 16-16½% ammon., bgs..unit-ton. 5.53 - —
high-grade, unground, 16-17% ammon., bulk, Chicago, unit-ton. 5.53 - —
soluble, bgs., c.l., Chicago...lb. .13½- —
l.c.l., Chicago.....lb. .15 - .20
Bloodroot, bls.....lb. .70 - .80
Blue,[1] alkali, dry, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. River, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis, lb. 1.75 - —
Toner, bbls., same basis.....lb. .85 - .90
Celestial, bbls., same basis..lb. .10 - .12
Chinese, bbls., same basis...lb. .36 - —
Cobalt,[6] genuine, bbls., same basis..lb. 4.90 - —
Imitation (see Blue, ultramarine).
Copper phthalocyanin, full strength, bbls., same basis, lb. 3.50 - 3.75
80%, bbls., same basis...lb. 3.00 - —
green shade, bbls., same basis..lb. 4.50 - 4.70
Iron (see Blue, Chinese, Milori, Potash, Prussian, and Soda).
Milori, bbls., same basis.....lb. .36 - —
Molybdated, Victoria, bbls., same basis..lb. 3.15 - —
Peacock, fugutive, 100% color strength, same basis..lb. .52 - —
permanent toner, green shade, molybdic, bbls., same basis, lb. 3.50 - —
tungstic.....lb. 4.00 - —
Potash, CP, bbls., same basis, lb. .42 - —
Prussian, bbls., same basis..lb. .36 - —
soluble, bbls., same basis..lb. .36 - —
Soda, CP, bronze, bbls., same basis..lb. .36 - —
Ultramarine, cobalt (...) or pulp, bbls., same basis, lb. .23 - .27
jobbing type, dry, bbls., same basis..lb. .12 - .13
regular types, dry or pulp, bbls., same basis..lb. .17 - .27
Victoria, toner, molybdic, bbls., lb. 3.15 - —
tungstic, bbls.....lb. 3.30 - —
ink toner, bbls., same basis, lb. 1.83 - —
synthetic vehicle, bbls., same basis..lb. 1.93 - —
Violet, toner, molybdic, kgs., same basis..lb. 1.25 - —

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We are appreciative of plant problems and are constantly investigating new products and processes.

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Consult us now to plan for distribution of your production during the post-war era.

WILLIAM D. NEUBERG COMPANY

Chemicals

GRAYBAR BUILDING • 420 LEXINGTON AVE • NEW YORK 17, N. Y.
TELEPHONE LEXINGTON 2-3324

Blue, violet, tungstic, kgs., same basis..lb. 2.10 - —

Blue dry colors, dlvd. prices ½c. higher Ala., Fla., Ga., La. (Shreveport, 1½c.); Miss., N. C., S. C., Tenn., Tex. (El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1.6c. higher, Pac. Coast; Denver, Pueblo, Salt Lake City, Wichita. frt. equalized with Chicago.

Blue dyes are listed under Dyes.

Blue mass, NF, cns., tube....lb. 1.58 - 1.75
powd., bots., cns., dms.....lb. 1.61 - 1.75

Bluenag root, bls.....lb. .45 - .50

Bluestone (see Copper sulphate).

Blue vitriol (see Copper sulphate).

Bone, raw, bulk, Chicago.....ton.57.00 -65.00
junk, bulk, same basis....ton.35.00 - —

Meal, raw, 4½% ammon., 50% phos., bgs., E. works..ton.37.50 - —
Chicago, works.....ton.39.50 - —

steamed, feeding grade, 1% ammon., 60% phos., bgs., E. works..ton.48.50 - —
Chicago, works.....ton.50.00 - —

fertilizer grade, 3% ammon., 50% phos., bgs., E. works.. ton.38.50 - —
Chicago, works.....ton.36.00 - —

Phosphate, defluorinated (see D).

Precipitated (see Calcium phosphate tribasic precip.)

Boneset leaves, bls.....lb. .14 - .15

Borage flowers, bls.....lb. No stocks

Borax,[2] tech., 99½% gran., bulk, c.l., frt. alld..ton.41.50 - —
bgs., c.l., frt. alld....ton.45.00 - —
ton lots, ex whse.....ton.56.00 - —
less ton lots, ex whse.ton.61.00 - —
bbls., c.l., frt. alld.....ton.55.00 - —
ton lots, ex whse....ton.66.00 - —
less ton lots, ex whse.ton.71.00 - —

Borax, tech., 99½%, powd., bgs., c.l., frt. alld..ton.50.00 - —
ten lots, ex whse.....ton.61.00 - —
less ton lots, ex whse.ton.66.00 - —
bbls., c.l., frt. alld.....ton.60.00 - —
ton lots, ex whse.....ton.71.00 - —
less ton lots, ex whse.ton.76.00 - —

USP, $15 per ton higher.

Bordeaux mixt., dms., c.l., whse., works, frt. alld..lb. .11 - —
l.c.l., same basis.....lb. 11½-

Bornyl thiocyanoacetate (see Isobornyl thiocyanoacetate).

Brazilwood extract (see Hypernic).

Brimstone (see Sulphur).

Bromine, purified, cs., c.l., frt. alld. E. of Rockies..lb. .21 - —
1,000 lbs., frt. alld. E. of Rockies..lb. .23 - —
single pkgs., same basis..lb. .28 - —

Bromoform, USP, bots.....lb. 1.50 - —
cbys.....lb. 1.42 - —

Bromstyrol .....lb. 4.30 - 5.00

Bronze powder, aluminum (see A).
Gold, litho., cns., dms., works. lb. .60 - .65
moulding, cns., Jms., same basis..lb. .80 - 1.00
printing ink, cns., dms., same basis..lb. .85 - 1.20
radiator, cns., dms., same basis..lb. .45 - .50

Broomtop, bls.....lb. .13 - .15

Brown, iron-oxide, pure, precip., cks., works..lb. .12 - —
Metallic, bbls., c.l., works..lb. .02½- —
Sap, crystals, works.....lb. .12 - —
powdered .....lb. .13 - —
Sienna, burnt, American, bbls., works..lb. .03¾- .05
pap. bgs., c.l., same basis. lb. .0235- —
Italian type, bbls., works. lb. .08¾- .10¾

Brown, sienna, raw, American, bbls., works..lb. .04 - .10
Italian type, bbls., works. lb. .08 - .10
Umber, burnt, American, bbls., works..lb. .03¾- —
Italian type, bbls., works. lb. .04¾- —
Turkey-type, bbls., l.c.l., Boston, Bethlehem, Easton, Pa.; N. Y..lb. .04¾- —
St. Louis, Chicago, Indianapolis, New Orleans..lb. .05¼- —
Minneapolis .....lb. .0535- —
Pittsburgh .....lb. .05 - —
ex car, Los Angeles. lb. .05⅝- —
Portland, San Francisco, Seattle..lb. .05½- —
ex whse, Los Angeles. lb. .05⅞- —
Portland, San Francisco, Seattle..lb. .05¾- —

Vandyke, reg., bbls., works...lb. .09 - —
special, bbls., works.....lb. .12 - —

Brucine, cns., 100 ozs.....oz. .35 - —
Sulphate, cns., 100 ozs.....oz. .30 - —

Byronia root, bls.....lb. .60 - .65

Buchu leaves, bls.....lb. .83 - .85

Buckthorn bark, bls.....lb. .56 - .57
Berries, bgs.....lb. .60 - .70

Burdock root, bls.....lb. .30 - .32

Burgundy pitch, dom., dms...lb. .08 - —

Butane,[1] indust., tanks, Group 3. gal. .03½- —

Butyl acetate, normal,[1,6] ferment, Ill., Ind., prod., dms., c.l., frt. alld. E. of Miss. R. lb. .1825- —
l.c.l., same basis....lb. .1875- —
tanks, same basis....lb. .1725- —
tankwagons, same basis. lb. .1775- —

Butyl acetate, normal, fermentation, other production, dms., c.l., same basis..lb. .1900- —
l.c.l., same basis....lb. .1950- —
tanks, same basis....lb. .1800- —
synthetic, dms., c.l., same basis..lb. .11¾- —
l.c.l., same basis....lb. .1950- —
tanks, same basis.....lb. .10¾- —
secondary,[1,6] dms., c.l., dlvd. E. of Miss. R..lb. .09½- —
l.c.l., same basis....lb. .10 - —
tanks, same basis.....lb. .08½- —
Normal butyl acetate, W. of Miss. R., ½c. per lb. higher.

Alcohol (see Alcohol, butyl).

Aldehyde, dms., c.l., works...lb. .15½- —
l.c.l., works.....lb. .16½- —
tanks, works.....lb. .14½- —

Ether (see Ether, butyl).

Lactate, dms., works.....lb. .26½- —
Laurate, dms., works.....lb. .42 - —
Myristate, dms., works.....lb. .41 - —
Oleate, ref., dms., l.c.l., works.. lb. .35 - —
tech., dms., c.l., works.....lb. .24 - —
l.c.l., works.....lb. .24½- .25½
Phenylacetate, dms.....lb. 2.00 - 2.25
Phthalate (see Dibutyl phthalate).
Propionate, dms., dlvd.....lb. .16½- .17
tanks, dlvd.....lb. .15½- —
Stearate, dms.....lb. .31 - .31½
Butyric ether, bots.....gal. 6.50 - 6.95
cns., works.....lb. .65 - .70
dms., works.....lb. .60 - —

C

Cadmium bromide,[6] bbls.....lb. 1.84 - 1.91
jars .....lb. 1.65 - 1.70
Iodide,[6] bots.....lb. 4.23 - —
cns. .....lb. 4.09 - —
Lithopone (see Yellow).
Metal,[1,6] ingots or sticks, dlvd. lb. .90 - —
pat. shapes, cs., dlvd.....lb. .95 - —
Selenide (see Red).
Sulphide (see Yellow).

Caffeine,[1,6] dms., 100 lbs. or more..lb. 2.80 - 2.88
smaller lots.....lb. 2.95 - 3.26
anhydrous, dms., 100 lbs. or more..lb. 3.00 - 3.08
smaller lots.....lb. 3.15 - 3.45
Citrated, dms., 100 lbs. or more. lb. 1.95 - —
smaller lots.....lb. 2.05 - 2.30
Hydrobromide, bots.....lb. 5.29 - 5.37

Calabar beans, bgs.....lb. .34 - .35

Calamus root, dom., bls.....lb. .40 - .45

Calcium acetate, bgs., dlvd..... 100 lbs. 3.00 - 4.00
Arsenate, bgs., c.l., whse. works, ft. alld..lb. .07½- .08
l.c.l., same basis.....lb. .08 - .08⅛
Bromide, jars.....lb. .65 - .70
Carbide,[1,3,6] dms., c.l., works, ton.50.00 - —
dlvd. .....ton.87.00 -90.00
Carbonate (see Chalk and Whiting).
Chloride, cryst., purified, bbls., jars..lb. .28 - .39
flake, 77-80%, paper bgs., c.l., dlvd..ton.18.50 -35.00
l.c.l., dlvd.....ton.28.50 -45.00
liquor, basis 40%, tanks, works..ton. 7.50 - —
solid, 73-75%, dms., c.l., dlvd., ton.18.00 -34.50
l.c.l., dlvd.....ton.28.00 -44.50
Calcium chloride prices vary according to zone; minimum prices are for spot delivery. C.l. prices for flake in burlap paper-lined bags, $2.50 per ton over paper bags; drums, $3.50 per ton over paper bags.

Gluconate, USP, gran., bbls..lb. .52 - —
dms. .....lb. .57 - .59
cns. .....lb. .70 - —
powd., 2c. per lb. lower.
Glutamate, kgs.....lb. 1.50 - —
Glycerophosphate, fiber dms., 1,000-lb. lots..lb. 1.25 - —
smaller lots.....lb. 1.75 - —
Iodide, bots., jars.....lb. 4.04 - 4.18
Lactate, edible, dms., lbs....lb. .21 - —
USP, bbls.....lb. .35 - .37
Laurate, bbls.....lb. .28 - .29
Mandelate, USP, dense, fluffy, dm..lb. 2.05 - 2.30
Naphthenate, 4% Ca, 50-gal. dms..lb. .22½- —
Pantothenate, dex., 100-gram bots..per gram. .10 - —
Phosphate, feeding grade, bgs., works..ton.75.00 - —
food grade, bbls., 10 or over, works..lb. .07 - .07¾
less than 10, works.....lb. .08 - .10
medicinal, dibasic, bgs..... 100 lbs.11.40 -18.00
monobasic, cryst., bgs., c.l., works, frt. equald..lb. .05¾- —
l.c.l., frt. equald.....lb. .06 - .06½
tribasic, bbls., c.l., works..lb. .0635- —
bgs., l.c.l., works.....lb. .0645- .0680
Resinate, precip., 5.5% Ca, 100-lb. dms..lb. .15½- —
Silicate, hydrated, c.l., bgs., works..lb. .05½- —
l.c.l., works.....lb. .06 - —
Stearate, precip., ctn., c.l., works..lb. .25 - —
l.c.l., works.....lb. .26 - .28
Sulphate (see Gypsum).
Sulphide 70%, bgs., c.l., works, ton.45.00 - —
80,% bgs., c.l., works.....ton.50.00 - —
luminous, tins, works.....lb. 1.00 - —
Sulphocarbolate, bbls.....lb. .49 - .50
Tallate, 3%-4% Ca, 50-gal. dms., lb. .13½- .19½

Calcium-strontium sulphide, phosphorescent, dms., works..lb. 1.00 - 1.50
fine particle size, works, lb. 1.50 - 1.75

Calendula flowers, bls.....lb. 3.25 - —

Calomel,[6] bbls., dms.....lb. 2.56 - 2.57

Camphor,[6] natural.....lb. No stocks
synth., tech., bbls., contract, 2,000 lbs. or more, works..lb. .42 - —
10 bbls. (1,500 lbs.).....lb. .44½- —
5 to 9 bbls.....lb. .45 - —
1 to 4 bbls.....lb. .46 - —
smaller lots.....lb. .48 - .55
USP, gran., powd., bbls., 2,000-lb. lots..lb. .69 - —
1,000-lb. lots.....lb. .70 - —
smaller lots.....lb. .71 - —
tablets, 2,000-lb. lots.....lb. .82 - —
1,000-lb. lots.....lb. .83 - —
smaller lots.....lb. .84 - —

Camphor monobromated, dms..lb. 3.20 - —

Canada balsam (see Fir balsam).

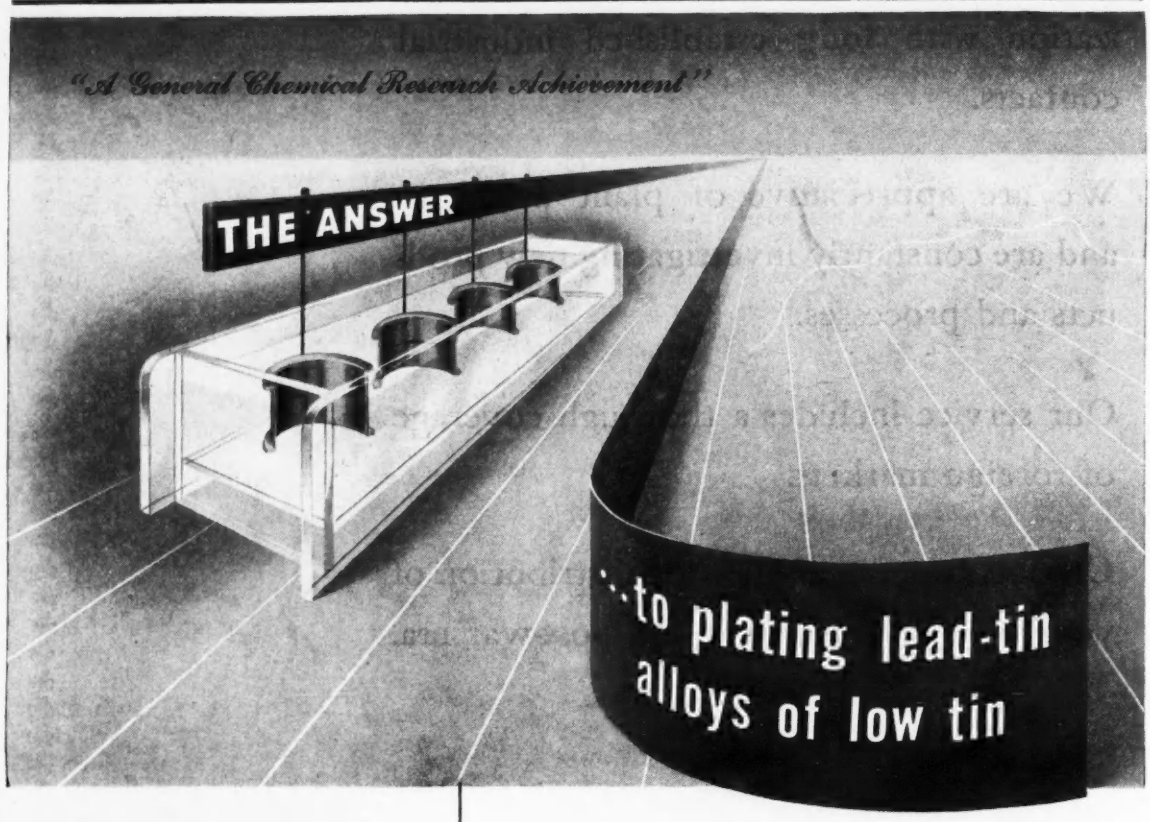
Cantharides .....lb. No stocks.

Capsicum (see Pepper, red).

Caramel coloring, bbls.....gal. .70 1.10

Caraway seed,[1] California, Dutch type, bgs..lb. No stocks.
Canadian, bgs.....lb. .96 Nom.
Morocco, dewhiskered, bgs...lb. No stocks.
Spanish, dewhiskered, bgs...lb. .96 Nom.
Syrian, dewhiskered, bgs....lb. .96 - .97

Carbazole, 95%, dms., ton lots, works..lb. .70 - —
smaller lots, works.....lb. .80 - —
98%, dms., ton lots, works...lb. .75 - —
smaller lots, works.....lb. .85 - —



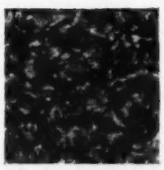


Fig. A: Lead Plating (100% Lead—0% Tin) *150 Diameters*

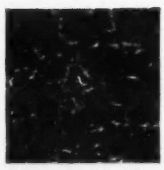


Fig. B: Lead-Tin Alloy Plating (91% Lead—9% Tin) *150 Diameters*

When tin is plated out simultaneously with lead from General Chemical Lead and Tin Fluoborate solutions, the lead-tin alloy plate obtained consists of a smooth, even cover in contrast to the grainy surface of the lead plate alone.

Fig. C: X-ray pattern of Lead Plating

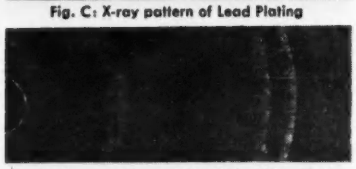


Fig. D: X-ray pattern of Lead-Tin Alloy Plating (91% Lead—9% Tin)

Coarse grain spots in Fig. C coalesce in Fig. D to form more uniform lines, indicating finer grain structure. Only lead lines appear in both patterns since the tin atoms have entered the lead lattice to form an alloy in Fig. D.

For more than 25 years metal finishers have sought a successful means of plating lead-tin alloys in the low tin ranges. "Not feasible . . . inoperable . . . too many variables," read published reports on method after method.

Now—with the new chemical tools of General Chemical Fluorine Research—platers are achieving the "impossible."

Here's how: General Chemical *Lead* and *Tin Fluoborate solutions* are thoroughly compatible. Combined in baths using dual or alloy anodes, they plate out dense, fine-grained lead-tin alloy deposits . . . uniformly . . . simultaneously . . . and *with the tin easily controlled at low ranges!*

Thus, *in one operation* an alloy coating is produced that is harder, more wear-resistant, and has a more attractive appearance than lead plate alone. Little wonder that leaders in the bearing industry are adopting the combination fluoborate bath for lead-tin alloy plating of their products.

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FOR AMERICAN INDUSTRY

"First in Fluorides" For working samples of General Chemical's Lead, Tin, or other fluoborate solutions—for sound, practical information on their applications, based on the research and "know how" of America's foremost producer of fluorine compounds—contact the nearest General Chemical Sales and Technical Service Office or write General Chemical Fluorine Division, 40 Rector Street, New York 6, N. Y.

Carbinol, butyl, norm. dms., l.c.l., works..lb. .27 - —
secondary, dms., l.c.l., works. lb. .60 - —
Isobutyl, dms., c.l., works...lb. .22½- —
l.c.l., works.....lb. .23½- —
tanks, works.....lb. .21½- —
Carbon bisulphide, 55-gal. dms., c.l., frt. alld. E. of Miss. R., N. of Ohio R..lb. .05 - —
l.c.l., same basis.....lb. .05¾- —
5-gal. dms., c.l., same basis. lb. .07 - .07½
l.c.l., same basis.....lb. .08 - .08½
Dioxide, cyls.....lb. .06 - .08
Tetrachloride,[1,6] c.p., dms., c.l. lb. .07½- —
l.c.l. .....lb. .08 - —
tech., Zone 1, 52½-gal. dms., c.l., frt. alld..gal. .78 - —
l.c.l., frt. alld.....gal. .80 - —
5 or 10-gal. dms., c.l., frt. alld..gal. .97 - —
l.c.l., frt. alld.....gal. 1.07 - —
Zone 2, 52½-gal. dms., c.l., frt. alld..gal. .60 - —
l.c.l., frt. alld.....gal. .87 - —
5 or 10-gal. dms., c.l., frt. alld..gal. 1.04 - —
l.c.l., frt. alld.....gal. 1.14 - —
Zone 3, 52½-gal. dms., c.l., frt. alld..gal. .94 - —
l.c.l., frt. alld.....gal. 1.00 - —
5 or 10-gal. dms., c.l., frt. alld..gal. 1.17 - —
l.c.l., frt. alld.....gal. 1.27 - —
Zone 4, 52½-gal. dms., c.l., gal. .83 - —
l.c.l. .....gal. .90 - —
5 or 10-gal. dms., c.l..gal. 1.07 - —
l.c.l. .....gal. 1.17 - —
USP, cbys.....lb. .17 - .19

Carbon tetrachloride prices are frt. alld. with the exception of Zone 4, where prices are f.o.b. cars, L. A., Cal.; S. F., Cal.; Portland, Ore., and Seattle, Wash. Sales zones are:—1, Conn., Del., Ill., Ind., Ia., Me., Mass., Md., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., O., Pa., R. I., Tenn., Va., W. Va., Wis., and river cities of Burlington, Ia., and Kansas City, Kans.; 2, Ala., Ark., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C., S. D.; 3, Colo., N. Mex., Tex., and Montana points E. of Billings; 4, Ariz., Cal., Idaho, Nev., Ore., Utah, Wash. and Montana points W. of Billings.

Cardamom,[1] bleached, bold, cs., lb. 1.45 - 1.50
medium, cs.....lb. 1.25 - 1.30
decorticated, cs.....lb. .66 - .67
green, bgs.....lb. .64 - .65
Carotene, cryst., 1,350,000 A units per gm., tins, works, 1,000,000 units. .50 - —
research grade (alpha, 10%; beta, 90%), amps, 100 grams, dlvd..gram. 2.85 - —
50 grams, dlvd.....gram. 2.90 - —
in vegetable oil, 8,800 A units per gm., tins, works..... 1,000,000 units. .55 - —
dms., works..1,000,000 units. .50 - —
Carvol, bots.....lb.22.50 -23.00
Cascara sagrada bark, bulk...lb. .32 - .35
Case-hardening mixture, 30% gran., dms., l.c.l..lb. .09¾- —
slabs, dms., l.c.l.....lb. .08¾- —
Casein,[1,6] dom., acid-precip., bgs., 100 or more, ship't point..lb. .22 - —
20 to 99, same basis....lb. .22¼- —
less than 20, same basis, lb. .22¾- —

Casein, dom., rennet-precip., bgs., 100 or more, same basis. lb. .23½- —
20 to 99, same basis....lb. .23¾- —
less than 20 bgs.....lb. .24¼- —
imp., acid-precip., ground, bgs., 100 bgs. or more..lb. .18 - .19
rennet-precip., unground, bgs., 100 bgs. or more..lb. .19½- .20½
Cassia,[1,7] .....lb. No stocks
Cassia fistula, bskts.....lb. .26 - .28
Castor beans, bgs., Brazilian ports..long ton.82.00 -83.00
Oil (see Oil, castor).
Pomace,[1] bgs., c.l., works..... unit-ton. 2.90 - —
Castoreum, nat., cns.....lb.12.00 -13.00
synth., bots.....lb.19.00 - —
Catechol, CP, cryst., works, fib. dms., tin..lb. 2.15 - 2.30
resublimed, frt. alld. E. of Miss., dms..lb. 3.50 - —
Catnep, bls.....lb. .65 - .66
Celery seed,[1] Indian, bgs.....lb. .21½- .22
Celluloid scrap (see Pyroxylin scrap).
Cellulose acetate,[4,6] flake, ctns., works, frt. alld. on 100 lbs. or more..lb. .30 - —
granules, ctns., same basis.lb. .35 - —
Acetate-butyrate, flake, high (36.5%) butyryl content, 50-lb. ctn., 5,000 lbs. and up, frt. alld..lb. .45 - —
1,000-4,900 lbs., frt. alld.lb. .46 - —
100-900 lbs., frt. alld...lb. .47 - —
smaller pkgs. works....lb. .48 - —
medium (15.5 or 17.0%), 50 lb. ctns., 5,000 lbs. and up, frt. alld..lb. .43 - —
1,000-4,900 lbs., frt. alld.lb. .44 - —
100-900 lbs., frt. alld....lb. .45 - —
smaller pkgs., works....lb. .46 - —

Granules are 5c. per lb. higher, all quantities.

Acetate-propionate, flake, high (31.5%) propionyl content, 50-lb. ctn., 5,000 lbs. and up, frt. alld..lb. .45 - —
1,000-4,900 lbs., frt. alld.lb. .46 - —
100-900 lbs., frt. alld....lb. .47 - —
smaller pkgs., works....lb. .48 - —

Granules are 5c. per lb. higher, all quantities.
Triacetate,[4,6] flake, ctns., works, frt. alld. on 100 lbs. or more..lb. .30 - —
Cerium hydrate, dms., works..lb. .60 - —
Oxalate, USP, bbls., works..lb. .35 - —
kgs., works.....lb. .37 - .
Oxide, optical grade, kgs., 100-lb. lots, works..lb. 1.50 - —
smaller lots, bgs., works.lb. 2.00 - —
Chalk, precipitated, cosmetic, dentifrice, and drug, bgs., c.l., works..lb. .02¾- —
paint and other industries, bgs., c.l., works..ton.40.00 - —
papermakers, bgs., c.l., works. ton.32.50 - —
rubbermakers, bgs., c.l., works. ton.30.00 - —
Chamomile, Hungarian type, cs. lb. .37 - .40
Roman, bls. .....lb. No stocks
Charcoal, pinewood,[1,6] lump, bgs., c.l., Southern shipping points..ton.20.00 - —
granular, powd., bgs., c.l., works, South..ton.30.20 - —
l.c.l., works.....ton.41.00 - —
Willow, powd., bbls.....lb. .06 - .07

Chestnut extract,[1,6] clarif., 25%, bbls., c.l., works....100 lbs. 2.85 - 3.85
l.c.l., works.....100 lbs. 3.10 - 4.10
tank, works.....100 lbs. 2.25 - 3.25
powdered, 65% tannin, bgs., c.l., works..100 lbs. 6.50 - 9.10
l.c.l., works.....100 lbs. 7.25 - 9.85
Chillies (see Pepper, red).
China clay, dom., dry-grd., air-float, 99.75% 300 mesh, bgs., c.l., works..ton. 9.50 - —
l.c.l., works.....ton.16.00 - —
bulk, c.l., works...ton. 7.60 - —
200 mesh, bgs., c.l., works..ton. 8.50 - —
l.c.l., works.....ton. 9.50 -15.50
wet-grd., silkbolt, 99½%, 325 mesh, bulk, c.l., works. ton. 9.50 - —
paper bgs., c.l., works.ton.12.50 - —
import, white, lump, bulk, c.l., ex dock Balto., Boston, Norfolk, Phila..ton.19.00 -24.00
powd., cks., l.c.l., ex whse.ton.41.00 - —
Chloral hydrate, jars.....lb. .93 - .98
dms. .....lb. .90 - .95
Chlorinated rubber,[6] standard, ctns., 100 lbs. up, works..lb. .32 - —
smaller lots, works.....lb. .35 - —
1-lb. bots., ex whse.....lb. 1.25 - —
Chlorine,[2,5,6] liquid, cyls., c.l..lb. .05¼- —
contracts .....lb. .05¼- —
l.c.l. .....lb. .07¼- —
tanks, single units, works, frt. equald..100 lbs. 1.75 - —
multiple units, 3 or over, works, frt. equald..100 lbs. 2.00 - —
2 wks., frt. equald.100 lbs. 2.50 - —
1 wk., frt. equald.100 lbs. 3.00 - —
Chloroform, tech., dms.....lb. .20 - .23
USP, dms.....lb. .30 - .33
Chloropicrin, comi, 180-lb. cyls., works, frt. alld..lb. .80 - —
100-lb. cyls., same basis....lb. .82 - —
25-lb. cyls., ex whse.....lb. 1.00 - —
1-lb. bots., ex whse.....lb. 1.25 - —
Choline chloride, fib. dms.....lb. 3.00 - 3.10
Dihydrogen citrate, fib. dms.lb. 3.00 - 3.10
Chrome acetate, powd., 24%, bbls. lb. .22 - —
solut., 8%, bbls., cs.....lb. .07½- —
7½%, bbls., cs.....lb. .06½- —
Cake, bulk, c.l., works.....ton.16.00 - —
Ore,[1] residue, paper bgs., c.l., works..ton.15.00 - —
Oxide (see Green, chrome oxide).
Trioxide (see Acid, chromic).
Yellow (see Yellow, chrome).
Chrysarobin, bots.....lb. 6.02 - 6.09
Cinchona bark,[6] red, quill, USP. 10 in., cs..lb. 1.20 Nom.
Cinchonidine,[6] small, cryst., cns., 100 ozs..oz. .80 + .13⅓*
Sulphate, NF, cns., 100 ozs..oz. .89 + .13⅓*

* See note on Quinine.

Cinchonine,[6] small, cryst., cns., 100 ozs..oz. .62 + .13⅓*
large, cryst., cns., 100 ozs..oz. .66 + .13⅓*
Sulphate, NF, cns., 100 ozs..oz. .42 + .13⅓*

* See note on Quinine.

Cinchophen, NF, heavy, dms..lb. 3.70 - 3.80
standard, dms.....lb. 3.50 - 3.60
Cinnamic alcohol (see Alcohol, cinnamic).
Aldehyde, cbys., cns., dms...lb. 1.50 - 2.25
Cinnamon,[1,7] Ceylon, No. 2, bls., lb. .53 - .53½
3, bls.....lb. .52 - .53
chips, bgs.....lb. .56 Nom.

Citral, bots., cns.....lb. 4.50 - 6.25
Citrine ointment, jars.....lb. .95 - 1.15
Citronellal, bots., dms.....lb. 2.75 - 3.25
Citronellol, bots., dms.....lb. 6.00 - 7.00
Clove,[1] Madagascar, bls.....lb. .16 - .16½
futures, bls.....lb. .15¾- .16¼
Zanzibar, bls.....lb. .17 - .17½
futures, bls.....lb. .16¾- .17¼
Clover tops, red, bgs.....lb. .50 - .55
Coaltar,[6] coal-gas, crude, bbls., c.l., works..bbl. 8.25 - —
l.c.l., works.....bbl. 8.75 - —
tanks, works.....gal. .07½- —
refd., bbls., c.l., works...bbl. 8.75 - —
l.c.l., works.....bbl. 9.25 - —
tanks, works.....gal. .08½- —
water-gas, crude, dms., c.l., works..bbl. 8.25 - —
l.c.l., works.....dm. 8.75 - —
refd., dms., c.l., works...dm. 9.25 - —
Cobalt acetate,[6] bbls., kgs., dlvd., lb. .83¾- —
feed grade, 49.5% Co, kgs..lb. 1.25 - —
Carbonate,[6] powd., bgs., works, lb. 1.58 - —
feed grade, 23% Co, kgs...lb. 1.85 - —
Chloride, kgs., works.....lb. .87½- —
feed grade, 24.5% Co, kgs..lb. 1.25 - —
Hydrate,[6] bbls.....lb. 2.04 - —
feed grade, 62% Co, kgs...lb. 2.25 - —
Linoleate, paste, 5%, dms....lb. .32 - .35
solid, 8½%, dms.....lb. .44 - —
Naphthenate, 6% Co, 50-gal. dms..lb. .31 - —
Nitrate, feed grade, 20.4% Co, kgs..lb. 1.25 - —
Oleate, bbls.....lb. .44 Nom
Oxide,[6] black, kgs.....lb. 1.84 - —
Phosphate, feed grade, 34% Co, kgs..lb. 1.75 - —
Resinate, precip., 7.5% Co, 100-lb. dms..lb. .38½- —
Soyate, 8%-8.5% Co, 50-gal. dms..lb. .42 - .44
Sulphate,[6] dms.....lb. .65 - —
feed grade, 21% Co, kgs....lb. 1.00 - —

Cobalt salts, feed grade, quotations are f.o.b. Philadelphia, Cleveland, or New York.

Cobalt-ammonium sulphate, 14% Co, kgs..lb. .75 - —
Cocaine hydrochloride, 100-oz. lots, cns..oz. 9.75 - —
Cochineal, gray, bgs.....lb. .37 - .38
silver, Teneriffe, bgs.....lb. .38 - .39
Cocoa butter,[1] bulk, ship't pt..lb. .25 - —
Cocillana bark, bgs.....lb. .24 - .25
Codeine, cns., 100 ozs.....oz.11.70 - —
Hydrochloride, cns., 100 ozs..oz.10.50 - —
Phosphate, cns., 100 ozs.....oz. 9.00 - —
Sulphate, cns., 100 ozs.....oz. 9.50 - —
Codliver oil (see Oil, codliver).
Cohosh root, black, bls.....lb. .15 - .16
blue, bls.....lb. .23 - .25
Colchicine, bots., cns.....oz. No stocks
Colchicum seed.....lb. No stocks
Collodion, USP, dms.....lb. .19¼- .20¼
cns. .....lb. .23 - .23½
Flexible, USP, dms.....lb. .21 - .22
cns. .....lb. .25 - .31
Colocynth pulp, bls.....lb. .55 - .60
Colombo root, bls.....lb. .17 - .18
Coltsfoot leaves, bgs.....lb. No stocks
Condurango bark, bgs.....lb. .12 - .15
Copaiba balsam, Para, cns....lb. .47 - .49
S. A., USP, cns.....lb. .50 - .52
Copper acetate, cupric, bbls., works..lb. .25¼- —
smaller containers, wks...lb. .27 - —
Carbonate,[6] 52-54%, bbls....lb. .19½- .20¼
Chloride,[6] anhyd., bbls.....lb. .22½- .23
crystals, bbls.....lb. .14¾- .17

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Copper cyanide,[6] tech., bbls..lb. .34 - .38
Iodide, bots.....lb. 5.15 - 5.19
Metal,[1,3,6] electrolytic.....lb. .12 - .12⅛
Naphthenate, 6%-8% Cu., 50-gal. drms..lb. .15 - .17
Nitrate,[1] tech., cryst., bbls..lb. .19¼- .20¼
Oleate, precip., bbls.....lb. .22½- .28⅛
Oxide,[6] black, bbls., works..lb. .19 - .20
red, com'l, bbls., works....lb. .21 - .24½
Oxychloride-sulphate,[6] bgs...lb. .17 - .20
Resinate,[6] precip., 8.3% Cu., 125-lb. drms..lb. 15½- .16
Sulphate,[1,6] 99%, cryst., bgs., c.l., works..100 lbs. 5.00 - —
l.c.l., 700 to 36,000 lbs..100 lbs. 5.00 - 5.50
monohydrated, bgs., in drms., 36,000-lb. lots, dlvd.....100 lbs.10.20 - —
smaller lots, same basis, 100 lbs.10.95 - —
Copperas, cryst., gran., bgs., c.l., works..ton.17.00 - —
l.c.l., works.....100 lbs. 1.55 - 2.00
bbls., c.l., works.....ton.20.00 - —
bulk, c.l., works.....ton.14.00 - —
Copra, Coast, ship't.....lb. No prices.
Coriander[1] seed, Argentine, New Orleans, bgs..lb. .12 - .12½
Indian, bgs.....lb. No stocks.
Morocco, bgs., futures.....lb. .11¼- .11¾
Cornsilk, bls.....lb. .31 - .32
Corn sugar, tanners,[6] chipped, bgs., c.l., dlvd..100 lbs. 3.905 - —
slabs, bbls., c.l., dlvd. 100 lbs. 3.625 - —
Syrup, 42°, bbls., c.l., dlvd. 100 lbs. 4.221 - —
43°, bbls., c.l., dlvd..100 lbs. 4.271 - —
Corrosive sublimate,[6] cryst., dms., 50 lbs. or more..lb. 2.16 - —
gran., powd., dms., 50 lbs. or more..lb. 2.01 - —
Cottonroot bark, bls.....lb. .17 - .18
Cottonseed hull ash, 32-36% pot-ash, bgs., dlvd..unit-ton. 1.00 - —
Meal,[1] 41% protein, bulk, Memphis, c.l..ton.45.00 -49.75
Coumarin,[1] cns., 5 lbs. or more..lb. 2.75 - —
smaller lots.....lb. 2.90 - 3.10
Cramp bark, NF, bls.....lb. .74 - .75
Cream of tartar, USP, gran. or powd., bbls., 5,000 lbs. one ship't..lb. .57½ - —
smaller lots, bbls., kgs..lb. .58 - .58½
Creosote carbonate, bots., cbys., lb. 2.10 - 2.35
Coaltar (see Cresol).
Oil,[3] coaltar, crude, tanks, works..gal. .15½- —
refined, dms., c.l., works, gal. .247 - .3325
l.c.l., same basis....gal. .26 - .35
tanks, same basis....gal. .18 - .1850
solution, tanks, works....gal. .141 - —
Wood, beech, bots., cbys....lb. .85 - 1.04
Hardwood, USP, bots.....lb. .60 - .77
Pine, dms.....gal. .28 - —
Cresol,[3,6] special resin grades, dms., c.l., works, frt. equald., lb. .09¼- .10¼
l.c.l., same basis.....lb. .10 - .11
tanks, same basis.....lb. .08¾- .09¾
USP, dms., c.l., same basis..lb. .10¾- .11¾
l.c.l., same basis.....lb. .11¼- .11¾
tanks, same basis.....lb. .10 - .10¾
Crotonaldehyde, 97%, l.c.l., 55 and 110-gal. dms..lb. .15 - —
5 and 10-gal. dms., works..lb. .18 - —
Cryolite, nat.,[4] bgs., bbls., c.l., works..100 lbs. 9.50 - 9.75
bbls., l.c.l., works.....100 lbs.10.00 - —
synth.,[4] bgs., bbls., c.l., frt. alld. E. of Miss. R..lb. .08½- —
l.c.l., works.....lb. .09¼- —
Cube root, 5% rotenone, bbls., works..lb. .40 - —
4% rotenone, bbls., works..lb. .32 - —
Cubeb berries, XX, bgs.....lb. No stocks
powd., cs.....lb. No stocks
Culver's root, bls.....lb. .25 - .26
Cumin seed, Cyprus, bgs.....lb. No stocks
Indian, bgs.....lb. No stocks
Morocco, bgs.....lb. No stocks
Persian, bgs.....lb. No stocks
Cutch, bgs.....lb. No stocks
Cyanamid,[6] fertilizer mixing grades, guaranteed, 20.6% N, gran., bulk, Niagara Falls, Ont., contracts, bulk, unit-ton. 1.62½- —
21% N., pulv., bgs., same basis..unit-ton. 1.52½- —
Cyclohexane, tech., dms., c.l., works..lb. .10½- —
l.c.l., works.....lb. .11 - —
tanks, works.....lb .09½- —
Cyclohexanol, 98 - 100%, dms., works..lb. .21 - .23
Cyclohexanone, 97½% min., dms., c.l., works..lb. .30 - .32
tech., dms., c.l, works.....lb. .30 - —
l.c.l., works.....lb. .30¼- —
tanks, works.....lb. .29 - —
Cyclopropane, USP, cyls., dlvd., gal. .27 - —

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Damiana leaves, bls.....lb. .18 Nom.
Dandelion root, bls.....lb. .48 - .50
Decanol,[6] normal, tech., dms., dlvd..lb. .35 - —
Deertongue, bls.....lb. .35 - .36
Defluorinated phosphate,[1] paper bgs., works..ton.34.25 - —
Degras,[1,7] common, bbls.....lb. .10 - .12
neutral, less 2% ffa, bbls....lb. .28 - .30
over 2% ffa, bbls.....lb. .26½- .28¾
Derris root (see Cube root).
Dextrin, British gum, bgs., c.l., 100 lbs. 5.29 - —
Chicago .....100 lbs. 4.93 - —
l.c.l. .....100 lbs. 5.39 - —
Chicago .....100 lbs. 5.03 - —
Corn, canary, bgs., c.l..100 lbs. 5.04 - —
Chicago .....100 lbs. 4.68 - —
l.c.l. .....100 lbs. 5.14 - —
Chicago .....100 lbs. 4.78 - —
white, bgs., c.l.....100 lbs. 4.97 - —
Chicago .....100 lbs. 4.61 - —
l.c.l. .....100 lbs. 5.07 - —
Chicago .....100 lbs. 4.71 - —
Potato, bgs., c.l.....lb. .10 - —
l.c.l. .....lb. .10¼- .11¾
Diacetone (see Alcohol, diacetone).
Diacetyl, flavor grades, bots..lb. 5.00 - 8.50
laboratory grade, bots..... 100 grams. 4.50 - —
tech., bots., works.....lb. 3.00 - —
Diamyl ether (see Amyl ether)
Phthalate,[6] dms., c.l., dlvd..lb. .2170- .2200
l.c.l., dlvd.....lb. .2220- .2250
tanks, dlvd.....lb. .2070- .2100
Sulphide, l.c.l., dms., works.lb. .25 - —
Diamylamine, dms., c.l., works, lb. .61 - —
l.c.l., works.....lb. .64 - —
Diatomaceous earth, dom., CP, bgs., c.l., Atlantic coast..lb. .07 - —
l.c.l., ex whse.....lb. .10 - .16
nat., bgs., c.l., Pacific coast, ton.22.00 -25.00
l.c.l., ex whse.....ton.45.00 - —
purified, bgs., c.l., Atlantic coast..ton.55.00 -60.00
l.c.l., ex whse.....ton.85.00 -90.00
Diatomaceous earth, imported, Algerian, bgs., c.l., Atlantic coast..ton. No prices
Mexican, white, bgs., c.l., Atlantic coast..lb. .02 - .03
l.c.l. .....lb. .04 - .06
Dibutyl phthalate,[6] 5-gal. cns., works..lb. .2450- .2909
1-gal. cns., works.....lb. .2650- .3109
dms., c.l., works.....lb. .1900- .2359
l.c.l., works.....lb. .1950- .2409
tanks, works.....lb. .1800- .2259
Sebacate, dms., c.l., works..lb. .48 - .50¼
l.c.l., works.....lb. .50 - .50¾
tanks, works.....lb. .46 - .49¼
Tartrate, dms., works, frt. alld., lb. .92 - 1.02
Dibutylamine, dms., c.l., works.., lb. .66 - —
l.c.l., works.....lb. .69 - —
Dichloroethyl ether,[6] purified, dms., c.l., works, frt. equaled with So. Charleston..lb. .16 - —
l.c.l., same basis.....lb. .17 - —
tanks, same basis.....lb. .15 - —
Diethanolamine,[6] dms., c.l., frt. alld. in E..lb. .23½- —
l.c.l., same basis.....lb. .24½- —
tanks, same basis.....lb. .22½- —
Diethyl carbonate, com'l, dms.lb. .25 - —
refd., 99%, dms.....lb. .30 - —
Oxalate, dms., c.l., dlvd.....lb. .30½- —
l.c.l., dlvd.....lb. .31 - —
Diethyl phthalate,[6] dms., c.l., dlvd..lb. .2025- .2120
l.c.l., dlvd.....lb. .2075- .2170
tanks, dlvd.....lb. .1925- .2050
Sulphate, dms., c.l., works...lb. .14 - —
l.c.l., works.....lb. .15 - —
tanks, works.....lb. .13 - —
Diethylamine, dms., c.l., works.lb. .76 - —
l.c.l., works.....lb. .81 - —
Diethylaminoethanol,[6] dms., l.c.l., works, frt. alld. E. of Miss. R..lb. .75 - —
Diethylanilin, dms.....lb. .40 - —
Diethyleneglycol, dms., c.l., frt. alld. in E..lb. .14 - —
l.c.l., same basis.....lb. .15 - —
tanks, same basis.....lb. .13 - —
Monobutylether, dms., c.l., works..lb. .22 - —
l.c.l., works.....lb. .23 - —
tanks, works.....lb. .21 - —
Monoethylether,[6] dms., c.l., works..lb. .15½- —
l.c.l., works.....lb. .16½- —
tanks, works.....lb. .14½- —
Digitalis leaves, dms.....lb. .70 - .95
Diglycol laurate, dms.....lb. .31 - .32
Oleate, light, bbls., c.l.....lb. .17 - —
Stearate, bbls., c.l.....lb. .22 - —
Di-isobutyl ketone, dms., works, lb. .19 - —
Dillseed, natural cleaned, bgs., lb. No stocks
decorticated, bgs.....lb. .15¼- .16
dewhiskered, bgs.....lb. .11¼- .11¾
Dimethyl phthalate,[6] dms., c.l., dlvd..lb. .1875- —
l.c.l., dlvd.....lb. .1925- —
tanks, dlvd.....lb. .1775- —
Dimethylamine, dms., c.l., dlvd. lb. .85 - —
l.c.l., dlvd.....lb. .90 - —
Dimethylanilin, dms., c.l.....lb. .21 - —
l.c.l. .....lb. .22 - —
Dinitrobenzene, bbls.....lb. .18 - —
Dinitrochlorobenzene, dms.....lb. .14 - —
Dinitronaphthalene, kgs.....lb. .35 - .38
Dinitrophenol, bbls.....lb. .22 - —
Dinitrotoluene, dms.....lb. .18 - —
oily, dms.....lb. .06 - —
Diorthotoluolguanidin,[6] dms., ton lots, dlvd..lb. .44 - —
smaller lots, dlvd.....lb. .46 - .47
Dioxan, dms., c.l., frt. alld..lb. .20 - —
l.c.l., same basis.....lb. .21 - —
tanks, same basis.....lb. .19 - —
Dip oil (see Tar acid oils).
Dipentene,[1,3] dest. dist., dms., dlvd. E..gal. .55 - .56
tanks, dlvd. E.....gal. .45 - —
steam-dist., dms., dlvd. E..gal. .56 - .58
tanks, dlvd. E.....gal. .52 - .53
Diphenyl,[6] bbls., c.l., works...lb. .15 - —
l.c.l., works.....lb. .16 - .20
Oxide, perfume grade, cns...lb. .48 - .50
dms.....lb. .43 - .45
Diphenylamine,[6] bbls.....lb. .25 - —
Diphenylguanidin,[6] dms., tons..lb. .35 - —
smaller lots.....lb. .36 - .37
Divi-divi,[6] bgs., according to tannin content..ton.67.00 -68.00
Doggrass root, dom., cut., NF, bls..lb. .30 - .35
imp., NF, bls.....lb. .52 - .55
Dogwood, Jamaica, bark, bls..lb. .08 - .10
Dover's powder, USP, cns.....lb. 2.75 - —
Dragon's blood, drops, cs.....lb. .55 - .60
reeds.....lb. No stocks
Dyes, coaltar (certified colors for foods, drugs and cosmetics)—
Blue, FD&C blue, No. 1, cns..lb.13.50 - —
Green, FD&C green, No. 1, cns., lb.13.50 - —
FD&C green, No. 2, cns...lb.17.50 - —
Orange, FD&C orange, No. 1, cns..lb. 2.90 - —
FD&C orange, No. 2, cns..lb. 3.45 - —
Red, FD&C red, No. 1, cns..lb. 6.00 - —
FD&C red, No. 2, cns.....lb. 3.15 - —
FD&C red, No. 3, cns.....lb.17.50 - —
FD&C red, No. 4, cns.....lb. 5.75 - —
FD&C red, No. 32, cns.....lb. 4.15 - —
Yellow, FD&C yellow, No. 1, cns..lb. 8.50 - —
FD&C yellow, No. 3, cns...lb. 2.65 - —
FD&C yellow, No. 4, cns...lb. 2.65 - —
FD&C yellow, No. 5, cns...lb. 3.15 - —
FD&C yellow, No. 6, cns...lb. 3.15 - —
Dyes, coaltar (certified colors for drugs and cosmetics)—
Black, D&C black, No. 1, cns., lb. 8.35 - —
Blue, D&C blue, No. 4, cns..lb.12.35 - —
Brown, D&C brown, No. 1, cns., lb.12.35 - —
Green, D&C green, No. 5, cns., lb.12.35 - —
D&C green, No. 6, cns.....lb.12.35 - —
Orange, D&C orange, No. 3, cns..lb. 8.35 - —
D&C orange, No. 4, cns....lb.15.35 - —
D&C orange, No. 10, cns...lb.15.35 - —
Red, D&C red, No. 3, cns...lb. 2.85 - —
D&C red, No. 17, cns.....lb. 8.35 - —
D&C red, No. 18, cns.....lb.15.35 - —
D&C red, No. 19, cns.....lb.15.35 - —
D&C red, No. 22, cns.....lb. 8.35 - —
D&C red, No. 33, cns.....lb.13.35 - —
D&C red, No. 37, cns.....lb.12.35 - —
Yellow, D&C yellow, No. 7, cns..lb. 8.35 - —
D&C yellow, No. 8, cns....lb. 8.35 - —
D&C yellow, No. 11, cns...lb.10.35 - —
Dyes, coaltar (certified colors for external use drugs and cosmetics)—
Blue, Ext. D&C blue, No. 1, cns..lb.12.35 - —
Green, Ext. D&C green, No. 1, cns..lb.12.35 - —
Red, Ext. D&C red, No. 1, cns., lb.10.35 - —
Ext. D&C red. No. 3, cns..lb.21.85 - —
Ext. D&C red, No. 8, cns..lb. 7.85 - —
Ext. D&C red, No. 10, cns..lb.12.35 - —
Ext. D&C red, No. 13, cns..lb.12.35 - —
Yellow, Ext. D&C yellow, No. 1, cns..lb. 8.35 - —
Dyes, coaltar, for general uses[5] (numbers are those of Colour Index scale)—
36 Chrome yellow, 2G...lb. .65 - .70
40 Chome yellow R.....lb. .50 - 1.00
53 Victoria violet.....lb. .80 - 1.00
165 Lake red C.....lb. .70 - .80
170 Fast red A[6].....lb. .56 - .60
180 Fast red VR.....lb. 1.50 - 1.60
189 Lake red R, paste...lb. .85 - .90
189 Lake red R, powd....lb. 3.00 - 3.10
202 Chrome blue black U.lb. .35 - .42
204 Chrome black A.....lb. .42 - .45
208 Fast red blue R.....lb. .75 - 2.00
216 Chrome red B.....lb. 1.75 - 2.00
262 Cloth red 2B.....lb. .60 - .80
289 Fast cyanin 5R.....lb. .90 - 1.00
299 Chrome black F.....lb. .85 - .88
304 Paper yellow.....lb. .83 - .90
307 Fast cyanin black B.lb. .80 - .85
326 Direct fast scarlet...lb. 2.00 - 2.25
365 Chyrophenin G.....lb. .58 - .70
382 Direct scarlet B.....lb. 1.15 - 1.20
387 Direct violet B.....lb. 1.00 - 1.30
394 Direct violet N.....lb. .80 - .95
401 Developed black BHN. lb. .45 - .60
406 Direct blue 2B.....lb. .66 - .70
415 Direct orange B.....lb. .60 - .70
419 Direct fast red F....lb. .70 - .73
420 Direct brown M.....lb. .55 - .57
448 Benzo purpurin 4B...lb. .65 - .68
496 Benzo purpurin 10B..lb. .40 - .50
502 Direct azerin G.....lb. .75 - .80
512 Direct blue RD.....lb. .80 - 1.00
518 Direct pure blue 6B..lb. 1.20 - 1.30
520 Direct pure blue.....lb. .50 - 1.00
529 Direct fast black FF.lb. .55 - 1.00
581 Direct black EW.....lb. .50 - .54
582 Direct black RX.....lb. .35 - .45
592 Direct green B.....lb. .50 - .55
594 Direct green G.....lb. .50 - .55
596 Direct brown 3GO...lb. .85 - 1.00
620 Direct yellow R.....lb. 1.25 - 1.50
698 Acid violet.....lb. 1.00 - 3.00
812 Primulin .....lb. .70 - .73
814 Direct fast yellow....lb. 2.00 - 2.25
845 Nigrosin (water soluble).
1177 Indigo, 20% paste....lb. .15 - .18
Benzo fast black L..lb. .90 - 1.00
Sulphur black.....lb. .20 - .25
Sulphur blue.....lb. .45 - 1.00
Sulphur brown.....lb. .25 - .50
Sulphur maroon.....lb. .40 - —
Sulphur tan.....lb. .30 - .50
Sulphur olive.....lb. .25 - .54
Sulphur yellow.....lb. .30 - .50
Zambesi black.....lb. .75 - .80
Dyes, coaltar, for stains, oil-soluble (prices in barrels of 250 lbs. each; 25 lb. lots and up, 3c. per lb. higher, sellers' works or warehouse).
Black—
865 Nigrosin derivatives...lb. .36 - .44
Blue—
7075 Alizarin astral base..lb.15.00 - —
1078 Alizarin cyanin, green base..lb. 6.00 - —
Brown—
Brown .....lb. 1.15 - —
Green—
1078 Alizarin cyanin green.lb. 5.00 - —
Green .....lb. .75 - —
Orange—
24 Sudan I.....lb. .75 - —
Red shade.....lb. .75 - —
Red—
75 Sudan II.....lb. 1.05 - —
258 Sudan IV.....lb. .85 - —
680 Oil violet.....lb. .50 - —
749 Rhodamine B (oil pink). lb. 2.50 - —
1080 Anthraquinone,[6] violet base..lb. 6.00 - —
Yellow—
15 Amidoazobenzene yellow..lb. .90 - —
17 Amidoazotoluene yellow, lb. .75 - —
61 Yellow OB.....lb. 1.40 - 2.00
Dyes, coaltar, for stains, spirit-soluble (prices in barrels of 250 lbs. each; 25 lb. lots and up, 3c. per lb. higher, sellers' works or warehouse).
Black—
246 Naphthol blue black S., lb. .50 - —
729 Victoria blue B.....lb. 1.85 - —
861 Indulin .....lb. .87 - —
873 Methylene gray.....lb. 1.50 - —
909 New blue P.....lb. 1.20 - —
922 Methylene blue.....lb. 1.00 - —
1054 Alizarin saphirol B...lb. 1.90 - —
1180 Indigotin IA.....lb. .85 - —
Blue—
714 Patent blue A.....lb. 1.05 - 1.10
Brown—
231 Bismarck brown G...lb. .47 - .62
234 Resorcin brown Y....lb. .65 - —
235 Resorcin dark brown R, lb. .66 - —
332 Bismarck brown R...lb. .47 - .62
793 Phosphin .....lb. 4.65 - —
Green—
5 Naphthol green B....lb. 1.00 - —
657 Malachite green.....lb. 1.35 - —
662 Brilliant green.....lb. 2.00 - —
666 Guinea green B.....lb. 1.15 - —
737 Wool green S.....lb. .58 - —
924 Mehhylene green B...lb. 1.55 - —
1078 Alizarin cyanin green.lb. 2.00 - —
Orange—
10 Chrysodin G.....lb. .44 - —
21 Chrysodin R.....lb. .41 - —
27 Orange G.....lb. .50 - —
31 Amidonaphthol red G.lb. .42 - —
37 Amidonaphthol red 6B, lb. .68 - —
151 Orange Y.....lb. .31 - .33
161 Orange R.....lb. .34 - —
Red—
79 Ponceau R.....lb. .48 - —
88 Fast red B.....lb. 1.05 - —
176 Fast red A[6].....lb. .54 - —
179 Azorubin .....lb. .60 - —
183 Crocein scarlet 3BX..lb. .72 - .75
185 Cochineal red A.....lb. .60 - —
252 Brilliant crocein M...lb. .68 - —
677 Fuchsin .....lb. 2.10 - —
749 Rhodamine B.....lb. 3.50 - —
752 Rhodamine 6B.....lb. 4.50 - —
768 Eosin G.....lb. 1.50 - —
841 Safranin .....lb. 1.45 - —
Violet—
680 Methyl violet B.....lb. .70 - .75
681 Crystal violet B.....lb. 1.75 - —
682 Acid violet 4BN.....lb. .88 - —
Yellow—
10 Naphthol yellow S....lb. .88 - —
138 Metanil yellow.....lb. .56 - .58
636 Fast light yellow.....lb. 1.25 - —
639 Xylene light yellow..lb. 1.15 - —
640 Tartrazin .....lb. .80 - —
655 Auramine .....lb. 1.27 - —
Dyes, coaltar, for stains, water-soluble (prices E. in barrels of 250 lbs. each; 25 lb. lots and up, 3c. per lb. higher, sellers' works or warehouse).
Black—
864 Nigrosin .....lb. .36 - .44
Blue—
900 Indulin .....lb. .60 - .70
Brown—
831 Bismarck brown.....lb. 1.50 - —
Green—
637 Malachite green base.lb. 2.00 - —
Orange—
20 Chrysoidin G.....lb. .95 - —
21 Chrysoidin R.....lb. .90 - —
Red—
677 Fuchsin, magenta, base, lb. 7.25 - —
749 Rhodamine R.....lb. 4.75 - —
Dyes, coaltar, for stains, water-soluble (prices E. in barrels of 250 lbs. each; 25 lb. lots and up, 3c. per lb. higher, sellers' works or warehouse).
Yellow—
67 Amidoazotoluene yellow, lb. .75 - —
655 Auramine .....lb. 2.00 - —
800 Chinolin yellow SS...lb. 2.00 - —
Violet—
680 Methyl violet base....lb. .85 - —
Dyes, natural (see name of article).

E

Echinacea root, bls.....lb. .80 - .85
Egg[1] albumen (see Albumen).
Yolk, dried, dom., bbls.....lb. 1.00 - 1.06
imported .....lb. No stocks
Elder flowers, bright, bls.....lb. .60 - .65
Elecampane root, bls.....lb. .32 - .33
Elm bark, grinding, bls.....lb. .40 - .41
powd., bbls., bxs.....lb. .50 - .51
select, bndls.....lb. .50 - .55
Emetine hydrochloride,[6] bots..oz.21.00 -23.00
Ephedra, bls.....lb. .28 - .30
Ephedrine, natural, USP, anhydrous, bots..oz. 1.15 - 1.65
Hydrochloride, tins.....oz. .95 - 1.45
Sulphate, tins.....oz. .95 - 1.45
Synthetic, USP, anhyd., bots., 100 ozs..oz. .65 - —
hydrous, bots., 100 ozs..oz. .65 - —
Hydrochloride, tins, 100 ozs., oz. .50 - —
Sulphate, cryst., tins, 100 ozs..oz. .48 - —
Epinephrine, synth., USP, bots., gram. .75 - —
Epsom salt, tech., cryst., bgs., c.l..100 lbs. 1.80 - 1.95
l.c.l. .....100 lbs. 2.15 - 2.40
dried, bgs.....lb. .03½- —
l.c.l., bgs.....lb. .04 - .07
USP, cryst., bgs., c.l..100 lbs. 2.00 - —
l.c.l., 5,000 lbs., 1 withdrawal..100 lbs. 2.25 - —
smaller lots.....100 lbs. 2.50 - —
bbls., c.l.....100 lbs. 2.10 - —
l.c.l., 5,000 lbs., 1 withdrawal..100 lbs. 2.35 - —
smaller lots.....100 lbs. 2.60 - —
kgs., c.l.....100 lbs. 2.35 - —
l.c.l., 5,000 lbs., 1 withdrawal..100 lbs. 2.60 - —
smaller lots.....100 lbs. 2.85 - —
Epsom salts prices are freight equalized with Balto., Carteret, N. J.; Chicago, Cincinnati, Cleveland, Houston, New Orleans, New York.
Ergot, USP, cs.....lb. 1.10 - 1.20
Eserine, bots.....oz. No prices
Sulphate, 1-gram vials....vial. 2.10 - —
Ether, acetic (see Ethyl acetate).
Amyl (see Amyl ether).
Butyl, l.c.l., dms., dlvd.....lb. .30 - —
Ethyl[3] (see Ether, sulphuric).
Nitrous, conc., bot., 100 lbs..lb. .93 - 1.10
Sulphuric,[6] conc., dms.....lb. .11 - .16
USP anesthesia, hospitals, 1-lb. cns..lb. .60 - .61
synthetic, dms., c.l., works..lb. .14½- —
l.c.l., works.....lb. .15½- —
tanks .....lb. .12½- —
Ethyl acetate,[3,6] 85-90%, dms., c.l., frt. alld..lb. .1170- .1275
l.c.l., frt. alld.....lb. .1220- .1325
tanks, frt. alld.....lb. .1070- .1175
95-98%, dms., c.l., frt. alld.. lb. .1225- .1335
l.c.l., frt. alld.....lb. .1275- .1385
tanks, frt. alld.....lb. .1125- .1235
NF, dms.....lb. .14½- .15½
Acetoacetate, dms., c.l., works, lb. .37½- —
l.c.l., frt. alld..... lb. .38 - —
Benzoate, bots.....lb. .90 - 1.00
Bromide, tech., dms.....lb. .50 - .55
Carbamate, dms., dlvd. E...lb. .58 - —
Chloride, tech., dms.....lb. .18 - .20
USP, bbls., cyl.....lb. .20 - .22
Cinnamate, cns. .....lb. 3.25 - 3.85
Formate, dms., Agnue,[6] Calif., lb. .26 - .32
Iodide, bots.....lb. 3.50 - 3.60
Lactate, dms., works.....lb. .33½- .39½
Myristate, dms., works.....lb. .35 - —
Oenanthate, dms.....lb. 1.50 - 1.75
Oleate, dms., l.c.l., works...lb. .47 - —
Oxalate, dms., frt. alld.....lb. .33 - —
Silicate, dms., l.c.l., works..lb. .77 - —
Ethylcellulose,[6] pkgs., 5,000 lbs. or more, works..lb. .50 - —
smaller lots, works.....lb. .52 - .60
Ethyldiethanolamine, dms., l.c.l., works..lb. .80 - —
Ethylene dichloride,[6] dms., c.l., works, frt. alld. E. of Rockies, frt. alld..lb. .0842- —
West of Rockies..lb. .0891- —
l.c.l., works, frt. alld. E. of Rockies..lb. .0842- —
West of Rockies..lb. .0941- —
tanks, frt. alld. E. of Rockies, lb. .0743- —
West of Rockies..lb. .0792- —
Trichloride (see Trichloroethane)
Ethyleneglycol,[3,6] dms., c.l., frt. alld. in E..lb. .10 - —
l.c.l., same basis.....lb. .11 - —
tanks, same basis.....lb. .09 - —
Monobutylether,[6] dms., c.l., works..lb. .17½- —
l.c.l., works.....lb. .18½- —
tanks, works.....lb. .16½- —
Monoethylether,[6] dms., c.l., works..lb. .15½- —
l.c.l., works.....lb. .16½- —
tanks, works.....lb. .14½- —
Monoethylether acetate, dms., c.l., works..lb. .13½- —
l.c.l., works.....lb. .14½- —
tanks, works.....lb. .12½- —
Monomethylether,[6] dms., c.l., works..lb. .16½- —
l.c.l., works.....lb. .17½- —
tanks, works.....lb. .15½- —
Ethylethanolamine, dms., c.l., works..lb. .57 - —
l.c.l., works.....lb. .60 - —
Ethylmonoethanolamine, l.c.l., dms., works..lb. .80 - —
Ethylmorphine hydrochloride, bots..oz.10.50 -10.75
Ethylvanillin,[1] cns., 5 lbs. or more..lb. 5.25 - —
smaller lots.....lb. 5.50 - 5.60
Eucalyptol, cns., dms.....lb. 2.75 - 3.00
Eucalyptus leaves, bls.....lb. .10 - .12
Eugenol, cns., dms.....lb. 2.65 - 3.25
Euphorbia, bls.....lb. .12 - .13

F

Feldspar, enamel, 100 mesh, bgs., min. 2 tons..ton.17.00 -20.50
bulk, c.l.....ton.14.00 -17.50
glass, 20 mesh, bgs., c.l., works, min. 2 tons..ton.12.75 -16.25
bulk, c.l.....ton. 9.75 -12.25
pottery, bgs., l.c.l., works, min. 2 tons..ton.20.00 -22.00
bulk, c.l., works.....ton.17.00 -19.00
Fennel seed, Argentine, bgs...lb. No stocks
Indian, bgs.....lb. .16½ Nom.

The Military calls it

DDT

The world calls it a

MIRACLE

We call it

SANTOBANE

Monsanto's
Technical Dichloro-diphenyl-trichloroethane

For many months Monsanto has been making Dichloro-diphenyl-trichloroethane for exclusive government use.

It is one of the great wartime developments . . . its lethal effectiveness against the malarial mosquito and the typhus carrying louse has now made its story legend.

How great the peacetime role of Santobane* may be, nobody now can say. Monsanto believes it will be great, though limited in some fields. More must be learned about its toxicity to man as well as its possible harmful effect to plant life. But Monsanto recognizes too its tremendous potentials in control of disease breeding mosquitoes, lice, houseflies, etc., its possibilities in eradicating pests in agricultural fields.

Santobane is still under allocation by the War Production Board, with only small amounts allotted for agricultural and civilian experimentation. MONSANTO CHEMICAL COMPANY, Organics Division, 1700 South Second Street, St. Louis 4, Missouri. District Offices: New York, Chicago, Boston, Detroit, Charlotte, Birmingham, Los Angeles, San Francisco, Seattle, Montreal, Toronto.

MONSANTO CHEMICALS
SERVING INDUSTRY...WHICH SERVES MANKIND

*Reg. U. S. Pat. Off.

Fenugreek, domestic, bgs.....lb. .16 - .16½
Indian, bgs.....lb. No stocks
Morocco, bgs., futures.....lb. .07¾- .08¼
Ferric sulphate, anhyd., bgs., c.l., works..ton.35.00 - —
l.c.l., works.....ton.40.00 - —
Film scrap, colored, cs., works, lb. .13½- .15
smaller lots, works.....lb. .15 - —
water-white, cs., works.....lb. .14½- .17
smaller lots, works.....lb. .17 - —
Fir balsam, Canada, cns....gal.16.50 -17.00
Oregon, bbls.....gal. 2.35 - 2.50
Fishberries, bgs.....lb. .23 - .24
Fishliver oils (see Oil, fishliver).
Fishmeal,[1] grd., 60% protein, bgs., E. works..ton.72.50 - —
65% protein, bgs., E. works, ton.78.50 - —
Fishscrap, dried, 60% protein, bulk, East coast..ton.66.50 - —
Flake white, bbls.....lb. .09 - —
kegs.....lb. .11 - —
Fleaseed, French type, black, bgs..lb. .62 - .04
Indian, blonde, bgs.....lb. .12 - .13
Fluorspar, No. 1, ground, 95-98% CaF_2, bulk, c.l., mines, net ton.37.00 - —
Fluorspar, washed, gravel, 70% or more CaF_2, c.l., bulk, mines..ton33.00 - —
65%, c.l., bulk, mines....ton.32.00 - —
60%, c.l., bulk, mines....ton.31.00 - —
less than 60%, c.l., bulk, mines..ton.30.00 - —
Formaldehyde,[1,3,6] bbls., c.l., works..lb. .0520- —
l.c.l., works.....lb. .0570- —
dms., extra, c.l., works.....lb. .0460- —
l.c.l., works.....lb. .0510- —
tanks, works.....lb. .0320- —
tanktrucks, dlvd. N.Y.C.....lb. .0345- —

Fringetree bark, bls.....lb. .65 - .70
Fuller's earth, dom., powd., bgs., c.l., Fla., Ga. mines..ton. 8.50 -15.00
Tex. mines.....ton.12.50 - —
spent, bulk, Bayonne....ton. 3.00 - —
Chicago.....ton. 4.00 - —
imp., bgs., c.l.....ton.30.00 -40.00
Furfural, ref., dms., c.l., works, lb. .15½- —
cns., dms., l.c.l., works....lb. .15½- .20½
tech., dms., c.l., works.....lb. .13 - —
l.c.l., cns., dms.....lb. .15½- .20½
tanks, works.....lb. .09½- —
Fusel oil, crude, dms., works.gal. .75 - —
refd., dms., dlvd.....lb. .18½- .19½
Fustic cryst., No. 1, bbls....lb. .32 - —
No. 2, bbls.....lb. .30 - —
No. 3, bbls.....lb. .28 - —
Extract, No. 1, bbls.....lb. .16 - —
No. 2, bbls.....lb. .15 - —
No. 3, bbls.....lb. .12½- —

G

G salt, bbls.....lb. .45 - —
Galangal root, bls.....lb. .24 - .25
l.c.l., works.....lb. 1.75 - 2.50
Gambier, cube, Singapore, cs..lb. No stocks
Extract, bbls.....lb. No stocks
Gammapicoline, 95%, dms., c.l., works..lb. 1.35 - —
Gasoline[1] at refinery, ex tax, Arkansas, 70-74 octane, tanks, gal. .05⅞- —
Bayonne, 70-74 oct., tanks... gal. .09075- —
Gulf Coast, 70-74 oct., tanks, gal. .05⅝- —
Group 3, 70-74 oct., tanks... gal. .06⅞- —
Gasoline, at refinery, ex tax, Pennsylvania, western, US motor, 70-74 octane, leaded, tanks..gal. .07¾- .0895
natural, 26/70, Group 3, tanks, gal. .04½- .04¾
Gelatin, silver label, ctns., dlvd. lb .90 - .97
Silver label prices 5c. higher for deliveries in Ariz., Calif., Colo., Idaho, Mont., Nev., N. Mex., Ore., Tex., Utah, Wash. and Wyo.
Gelsemium root, bls.....lb. .19 - .20
Gentian root, bls.....lb. .34 - .35
grd., bbls., bxs.....lb. .36 - .37
powd., bbls., bxs.....lb. .37 - .38
Geraniol, 92-96%, cns., dms....lb. No prices
Ginger,[1] African, No. 1, bls..lb. No stocks
Calicut, bgs.....lb. .22½- .23
Cochin, bleached, bgs.....lb. .21½- .22
unbleached, bgs.....lb. .20½- .21
Jamaica, No. 1, bgs.....lb. .24 - .24½
No. 2, bgs.....lb. .23 - .23½
No. 3, bgs.....lb. .23 - .24
Rhattoon, bgs.....lb. .21 - .21½
Ginseng root, wild, South, cs..lb. 8.00 - 9.00
Glaubers salt, anhyd. (see Soda sulphate).
cryst., bgs., bbls., works.. 100 lbs. 1.05 - 1.45
Glue, bone,[6] calcium type, 2a millipoise, 36 jellygrams, bgs., c.l., East of Midwest, lb. .16 - —
30/58, bgs., c.l., same basis..lb. .15½- —
58/82, bgs., c.l., same basis..lb. .17 - —
82/108, bgs., c.l., same basis..lb. .18½- —
Bone glue l.c.l. prices 1c. higher than c.l.
Glue, hide,[16] 100-121 (jelly test in grams), bgs., c.l., dlvd.....lb. .14 - .21¼
122-149, bgs., c.l., dlvd.....lb. .15 - .22½
150-177, bgs., c.l., dlvd.....lb. .16 - .23½
178-206, bgs., c.l., dlvd.....lb. .17 - .24½
207-236, bgs., c.l., dlvd.....lb. .18 - .25½
237-266, bgs., c.l., dlvd.....lb. .19 - .26½
267-295, bgs., c.l., dlvd.....lb. .20 - .27½
296-330, bgs., c.l., dlvd.....lb. .21 - .28½
331-362, bgs., c.l., dlvd.....lb. .22 - .29½
363-394, bgs., c.l., dlvd.....lb. .23 - .30½
395-427, bgs., c.l., dlvd.....lb. .24 - .31½
428-460, bgs., c.l., dlvd.....lb. .25 - .32½
461-494, bgs., c.l., dlvd.....lb. .26 - .33½
495-529, bgs., c.l., dlvd.....lb. .27 - .34½
Hide glue l.c.l. prices 1c. higher than c.l.; bbls., ½c. over bgs.
Glycerin, crude, saponification, 88%, to refiners, tanks..lb. .10½- .11
soaplye, 80%, tanks.....lb. .09½- .10
dynamite, dms., c.l.....lb. .14½- —
l.c.l.....lb. .15 - —
tanks.....lb. .14¼- —
high gravity, dms., c.l.....lb. .14½- —
l.c.l.....lb. .15 - —
tanks.....lb. .14¼- —
ref., USP, CP, 95%, dms., c.l., lb. .15¼- —
l.c.l.....lb. .15¾- —
tanks.....lb. .15 - —
B.P., 98%, dms., c.l.....lb. .15¾- —
l.c.l.....lb. .16¼- —
tanks.....lb. .15½- —
yellow, distilled, dms., c.l...lb. .14¾- —
l.c.l.....lb. .14⅞- —
tanks.....lb. .14½- —
Glycine, USP, bbls., tins.....lb. 1.25 - 1.30
Glycol boriborate, dms.....lb. .22 - —
Stearate, dms.....lb. .26 - —
Gold chloride, acid-brown, bots. oz.20.75 -21.00
acid-yellow, bots.....oz.18.75 -19.00
Gold-soda chloride, photo., bots., oz.13.00 - —
USP IX, bots.....oz.14.50 -14.75
Goldenseal root, bls.....lb. 7.70 - 8.00
powd., bxs.....lb. 7.95 - 8.25
Gold of pleasure seed, bgs....lb. No stocks
Grains of paradise, bgs.....lb. .30 - .37
Graphite, dom., crystalline, 80% through 50 mesh, graphitic carbon content 65-70%, bgs., whse..lb. .04½- —
70-75%, bgs., same basis, lb. .05 - —
75-80%, bgs., same basis, lb. .05½- —
80-85%, bgs., same basis, lb. .06 - —
85-90%, bgs., same basis, lb. .07 - —
90% and up, same basis, lb. .08 - —
Grease, house,[1,7] loose.....lb. .08¼- —
White, choice, loose.....lb. .08⅞- —
Wool (see Adeps lanae and Degras).
Green, brilliant,[1] thioflavin toner, molybdic, kgs., works..lb. 3.25 - —
tungstic, kgs., works.....lb. 3.75 - —
Chrome,[1,8] CP, dark, light, medium, blue content up to 5%, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. River, inincluding St. Paul, Minneapolis, Davenport, Rock Island, St. Louis..lb. .23 - —
15%, bbls., same basis...lb. .25 - —
20%, bbls., same basis...lb. .25½- —
21-25%, bbls., same basis.lb. .26 - —
26-30%, bbls., same basis.lb. .26½- —
31-35%, bbls., same basis.lb. .27½- —
36-40%, bbls., same basis.lb. .29 - —
41-45%, bbls., same basis.lb. .30½- —
46-50%, bbls., same basis.lb. .33 - —
reduced color, 5%, bbls., same basis..lb. .06¾- —
9-10%, bbls., same basis.lb. .07½- —
11-13%, bbls., same basis.lb. .08 - —
14-16%, bbls., same basis.lb. .08¼- —
17-19%, bbls., same basis.lb. .08½- —
20-21%, bbls., same basis.lb. .08¾- —
22-23%, bbls., same basis.lb. .09 - —
24-25%, bbls., same basis.lb. .09¼- —
26-27%, bbls., same basis.lb. .09½- —
28-29%, bbls., same basis.lb. .10 - —
30-31%, bbls., same basis.lb. .10¼- —
32-33%, bbls., same basis.lb. .12 - —
34-35%, bbls., same basis.lb. .13 - —
36-40%, bbls., same basis.lb. .14 - —
41-45%, bbls., same basis.lb. .17 - —
46-50%, bbls., same basis.lb. .17½- —
51-55%, bbls., same basis.lb. .18 - —
56-60%, bbls., same basis.lb. .18½- —
61-65%, bbls., same basis.lb. .19 - —
70%, bbls., same basis....lb. .20 - —
71-75%, bbls., same basis.lb. .21 - —
Chrome green prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1½c.), Miss., N. C., S. C., Tenn., Texas (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph, 1.6c. higher dlvd. Pac. Coast; for Denver, Pueblo, Salt Lake City and Wichita, prices are equalized with Chicago.
Chrome oxide,[6] pure, dms., works..lb. .24 - —
Malachite, thioflavin toner, molybdic, bbls., works..lb. 3.00 - —
tungstic, bbls., works....lb. 3.50 - —
Phthalocyanin,[1] tetrahydroxide (hydrated chromium oxide), bbls., works..lb. .85 - —
toner, bbls., works.....lb. 4.00 - 5.00
Paris (see P).
Tungstated, brilliant, kgs...lb. 3.00 - —
emerald, kgs.....lb. 2.60 - —
Verdigris (see V.)
Green dyes (see Dyes, coaltar).
Grindelia robusta, bls.....lb. .18 - .19
Guaiac resin, cs.....lb. .48 - .49
Wood, bls.....lb. .05 - .06
Guaiacol, liquid, fib. dms.....lb. 1.75 - 2.01
Carbonate, dms.....lb. 2.40 - 2.74
Guanidin carbonate,[1] bbls., c.l., works..lb. .57 - —
l.c.l., works.....lb. .58 - .73½
Guarana, powd., cs.....lb. 2.00 - 2.10
Gum accroides (see Gum, yacca).
Aloe (see A).
Ammoniac, tears, cs.....lb. 1.20 - 1.25
Arabic, amber, sorts, bgs...lb. .11¾- .12
white, sorts, 1, bgs.....lb. .28 - .30
Asafetida (see A).
Asphaltum (see A).
Benzoin, Siam, cs.....lb. 3.00 - 3.50
Sumatra, cs.....lb. .52 - 1.00
Camphor (see C).
Copal, Congo, sorted, No. 30, bgs., c.l., ex dock or port, whse..lb. .55⅜- —
31, bgs., c.l., same basis, lb. .21¼- —
32, bgs., c.l., same basis, lb. .15⅜- —
33, bgs., c.l., same basis, lb. .14 - —
34, bgs., c.l., same basis, lb. .09¼- —
35, bgs., c.l., same basis, lb. .15⅞- —
36, bgs., c.l., same basis, lb. .12⅝- —
37, bgs., c.l., same basis, lb. .18½- —
38, bgs., c.l., same basis, lb. .12¾- —

Untouched! Better packaging has resulted from the use of glycerine—in the making of transparent wrappings that come in contact with foods or food products. C.P. glycerine is safe and nontoxic.

Soothing! Glycerine (C.P.) has definite emollient properties. That's one reason why it's a standby in the cosmetics business. And one reason why it pays to use time-proved glycerine.

Why Glycerine Is Superior in PHARMACEUTICALS, COSMETICS, FLAVORINGS

Glycerine (C. P.) is—*Nontoxic.* It may be used internally or externally.

A Food. Glycerine is substantially equivalent in food value to carbohydrate.

Glycerine (C. P.) has—*A pleasant, sweet taste.* High sweetening power. No bitter aftertaste.

High viscosity. This property contributes desirable "body" to products made with it.

Emollient properties. In cosmetics, it soothes and softens harsh, dry skin.

Humectant properties—in the right degree. Glycerine helps keep your product in its original fresh condition. Its low vapor pressure makes it "stay put."

High solvent power and compatibility. It dissolves a wide variety of materials. It is one of the two or three commonest liquid constituents of prescriptions. In flavoring extracts it remains in the final product even when heated to a rather high temperature, as in baking. It is compatible with common ingredients of cosmetics, dentifrices, etc.

Glycerine (C.P.) is important as a solvent, humectant, carrier, plasticizer, and component of many other products besides pharmaceuticals, cosmetics and flavoring extracts. Its many valuable properties, plus its economy, make it a standby in many American industries. Use glycerine, now freely available for the production of civilian goods! Glycerine Producers' Association, 295 Madison Avenue, New York 17, N. Y. Dept. K-7

Flavorsome! C.P. glycerine, which has high sweetening power—with no bitter aftertaste—and with a high boiling point—is ideal for use in the making of flavorings. Use glycerine.

Good Eating! Crystal-clear glycerine (C.P.) is a food in itself. It is a nutritious product of nature. No wonder it is so useful in the making and processing of many foods and beverages!

Flocking Back to Glycerine! Recent laboratory analysis of leading dentifrices showed that 12 out of 13 dentifrice manufacturers have returned to glycerine. So have many other manufacturers!

Gums, copal, Congo, sorted, 39, bgs., c.l., same basis, lb. .10⅝- —
40, bgs., c.l., same basis, lb. .08 - —
41, bgs., c.l., same basis, lb. .11⅛- —
unsorted, No. 1, bgs., same basis..lb. .15⅝- —
2, bgs., c.l., sam ebasis.lb. .13⅛- —
3, bgs., c.l., same basis.lb. .12¼- —
FAD, bgs., c.l., same basis lb. .14⅜- —
East India,[1] Batu, bold, scraped, c.l., same basis..lb. .10⅛- —
unscraped, same basis.lb. .09 - —
chips, same basis...lb. .05¾- —
dust, same basis...lb. .05½- —
nubs and chips, same basis.. lb. .05⅝- —
black, bold, scraped, bgs., lb. .12 - —
unscraped .....lb. .07½- —
nubs and chips, same basis..lb. .07¼- —
pale, Hiro-Macassar,[1] bold, bgs., c.l., same basis..lb. .17⅜- —
chips, same basis...lb. .11½- —
dust, same basis...lb. .05½- —
nubs, same basis...lb. .13⅜- —
Singapore, Rasak, bold, bgs., same basis..lb. .23⅜- —
chips, same basis...lb. .11⅝- —
dust, same basis...lb. .05½- —
nubs, same basis...lb. .16⅜- —
Macassar,[1] dust., bgs., c.l., same basis..lb. .07⅜- —
MA, same basis.....lb. .09⅜- —
MB, same basis.....lb. .09¼- —
WS, bgs., same basis.....lb. .11⅜- —
Manila, Boeas,[1] hard, bold, bold, amber, light, bskts., c.l., same basis..lb. .13½- —
dark, light, same basis..lb. .14½- —
white, same basis.....lb. .15½- —
Lobs,[1] A, bgs., c.l., same basis..lb. .14 - —
B, same basis.....lb. .13⅜- —
C, same basis.....lb. .13⅜- —
CBB, same basis.....lb. .12 - —
CNE, same basis.....lb. .10 - —
D, same basis.....lb. .12⅜- —
DBB, same basis.....lb. .11 - —
DK, same basis.....lb. .09½- —
DU, same basis.....lb. .08⅜- —
dust, same basis.....lb. .07⅜- —
WB, same basis.....lb. .09¼- —
WS, same basis.....lb. .11⅜- —
Manila-Singapore,[1] white split chips, bgs., c.l., same basis, lb. .15½- —
dust, same basis.....lb. .07⅜- —
whse., entry point, c.l...lb. .08⅜- —
lb. .08⅜- —
Philippine,[1] Manila, extra bold and bold, pale, scraped, bskts., same basis..lb. .15 - —
extra bold, sorts, bgs., c.l., same basis..lb. .12⅜- —
pale chips, bold, same basis, lb. .13 - —
nubs, WCB, same basis...lb. .13⅜- —
seeds, dust, same basis...lb. .08⅜- —
SG, same basis.....lb. .10⅛- —
small chips, same basis..lb. .11⅜- —
Pontianak, bold, scraped, bgs., c.l., same basis..lb. .23⅜- —
mixed, same basis.....lb. .17⅜- —
chips, small, same basis..lb. .12⅜- —
cuttings of split, same basis. lb. .19½- —
nubs, same basis.....lb .13 - —
Gum copal, l.c.l., prices ¼c. to ½c. higher.
Dammar,[1] Batavia, A, cs., c.l., same basis..lb. .35⅜- —
A/C, same basis.....lb. .31¼- —
A/D, same basis.....lb. .28⅜- —
A/E, same basis.....lb. .25⅜- —
B, same basis.....lb. .34⅜- —
C, same basis.....lb. .28⅜- —
D, same basis.....lb. .25⅜- —
E, same basis.....lb. .18⅜- —
F, same basis.....lb. .13⅜- —
dust, same basis.....lb. .13⅜- —
Singapore,[1] No. 1, c.s., c.l..lb. .30⅜- —
2, bgs., same basis.....lb. .25 - —
3, bgs., same basis.....lb. .12⅜- —
chips, cs., same basis....lb. .23½- —
dust, bgs., same basis....lb. .13 - —
seeds, cs., same basis....lb. .17⅜- —
Gum, dammar, l.c.l., prices, ¼c. to ½c. higher.
Elemi,[1] cns., c.l., ex dock or whse. entry port..lb. .09½- .09⅝
Ester, rosin, types,[1,4] dms., c.l., dlvd., Ill., Ind., Ky., Mich., Mid-Atl. States, N. England States, Minneapolis, N. C., Ohio, St. Louis, St. Paul, Va., W. Va..lb. .1185- —
l.c.l., dlvd. Ill., etc.....lb. .1210- —
other points, same basis, lb. .1285- —
wood rosin type (formerly designated as "ordinary" dms, c.l., dlvd. Ill., Ind., etc. lb. .095- —
Euphorbium, cs.....lb. 1.50 Nom.
Galbanum, cs.....lb. 1.60 - 1.65
Gamboge, pipe, cs.....lb. No stocks
powd., bbls.....lb. No stocks
Ghatti, bgs.....lb. .25 - .40
Guaiac (see Guaiac resin).
Karaya, bbls., bxs., dms.....lb. .15 - .46
Kauri,[1] brown, chips, extra, bgs., c.l., ex dock, whse..lb. .18 - —
90%, same basis.....lb. .16 - —
dust, same basis.....lb. .12½- —
nubs, same basis.....lb. .24 - —
No. 1, extra, same basis..lb. .34 - —
superior, same basis.....lb. .31 - —
No. 2, extra, same basis..lb. .30 - —
superior, same basis.....lb. .27½- —
No. 3, same basis.....lb. .23 - —
x, same basis.....lb. .36 - —
2x, same basis.....lb. .49 - —
3x, same basis.....lb. .77 - —
bush, assorted, same basis..lb. .35 - —
bold, same basis.....lb. .40 - —
bright, same basis.....lb. .18 - —
chips, same basis.....lb. .32 - —
dark, same basis.....lb. .18 - —
white, chips, pale, same basis, lb. .20⅜- —
extra, same basis.....lb. .25½- —
dust, pale, same basis...lb. .20⅜- —
extra, No. 1, same basis..lb. .43 - —
No. 2, same basis.....lb. .31 - —
No. 3, same basis.....lb. .30 - —
superior, No. 1, same basis, lb. .41 - —
No. 2, same basis.....lb. .31 - —
No. 3, same basis.....lb. .22 - —
3x, same basis.....lb. .65⅝- —
4x, same basis.....lb. .66 - —
5x, same basis.....lb. 1.50 - —
Gum kauri, l.c.l., prices are ¼c. to ½c. higher.
Locust bean, powd., bbls....lb. .60 - .65
Mastic, cs.....lb. 5.00 Nom.
Myrrh, cs.....lb. .60 - .65
Olibanum, siftings, cs.....lb. .11½- .13
tears, cs.....lb. .18 - .30
Opium (see O).
Red (see Gum, yacca).
Rosin (see R).
Sandarac,[1] cs.....lb. .99½- —
Scammony, cs.....lb. 1.30 - 1.35
Talba, bgs.....lb. .10 - .11
Gum, tragacanth, No. 1, cs....lb. 4.00 - 4.10
No. 2, cs.....lb. 3.25 - 3.50
No. 3, cs.....lb. 2.25 - 2.50
Yacca,[1] red gum, coarse, bgs., ex dock, whse..lb. .06 - —
powdered .....lb. .07¼- —
Gypsum, Keene's cement, paper bgs., c.l., Acme, Tex., frt. equald..ton.22.65 - —
Harlem River, N.Y., frt. equald..ton.28.25 - —
Medicine Lodge, Kan., frt. equald..ton.17.00 - —
New Brighton, N.Y., frt. equald..ton.28.25 - —
Southard, Okla., frt. equald..ton.17.00 - —
Sweetwater, Tex., frt. equald..ton.21.45 - —
Plaster of paris, paper bgs., c.l., Acme, Tex., frt. equald..ton.12.50 - —
Blue Rapids, Kan., frt. equald..ton.12.50 - —
Harlem River, N. Y., frt. equald..ton.13.00 - —
Medicine Lodge, Kan., frt. equald..ton.12.50 - —
New Brighton, N. Y., frt. equald..ton.13.00 - —
Southard, Okla.,, frt. equald..ton.12.50 - —
Sweetwater, Tex., frt. equal. ton.12.50 - —
Stucco, paper bgs., c.l., Acme, Texas; Akron, N. Y.; Blue Rapids, Kan.; Clarence Center, N. Y.; Fort Dodge, Ia.; Grand Rapids, Mich.; Gypsum, Ohio; Harlem River, N. Y.; National City, Mich.; New Brighton, N. Y.; Plasterco, Ga.; Portsmouth, N. H.; Roton, Tex.; Southard, Okla.; Sweetwater, Tex.; frt. equald....ton. 8.00 - —
Saltville, Va., frt. equald, ton. 9.00 - —
Terra alba, paper bgs., c.l., Harlem River, N. Y., works..ton.12.00 - —
New Brighton, N. Y.; Southard, Okla., works, ton.12.00 - —

H

Hawthorn berries, bgs.....lb. .57 - .60
Heliotropin, cryst., cns.....lb. 2.95 - 4.00
Hellebore, white, powd., bbls..lb. .46 - .47
Helonias root, bls.....lb 2.40 - 2.50
Hematine, cryst., No. 1, bbls., lb. .34 - —
No. 2, bbls.....lb. .30 - —
No. 3, bbls.....lb. .28 - —
No. 4, bbls.....lb. .26 - —
No. 5, bbls.....lb. .24 - —
paste, No. 1, bbls.....lb. .14½- —
No. 2, bbls.....lb. .13½- —
No. 3, bbls.....lb. .12½- —
Hemlock bark extract,[1,6] 25% tan, bbls., c.l., works..lb. No stocks
tanks, works.....lb. No stocks
Henbane leaves, bls.....lb. 1.05 - 1.20
Henna leaves, bls.....lb. .16 - .17
powd., bbls., bxs.....lb. .21 - .22
Heptane,[1] 50°-100° C., industrial grade, dms., c.l., Group 3, gal. .12¾- —
l.c.l., Group 3.....gal. .19 - —
tanks, Group 3.....gal. .10½- —
77°-115°, industrial, dms., c.l., Group 3..gal. .13 - —
l.c.l., Group 3.....gal. .19 - —
tanks, Group 3.....gal. .10½- —
laboratory grade, dms., c.l., Group 3..gal. .16 - —
l.c.l., Group 3.....gal. .29 - .55
Hexaldehyde, normal, dms., c.l., works..lb. 1.10 - —
Hexalin (see Cyclohexanol).
Hexamethylenetetramine,[1,6] tech., bbls., 1,000-lb. lots, Perth Amboy or N.Y.C..lb. .24 - —
smaller lots, same basis..lb. .25 - —
USP, dms., 500 lbs. or more, same basis..lb. .35 - —
smaller lots, same basis..lb. .36 - —
Hexane,[1] 60°-70° C., industrial grades, dms., c.l., Group 3, gal. .13½- —
l.c.l., Group 3.....gal. .19 - —
tanks, Group 3.....gal. .10½- .11
laboratory grade, dms., c.l., Group 3..gal. .18 - —
l.c.l., Group 3.....gal. .29 - .55
Hexanol, norm., dms., l.c.l., works..lb. .25 - —
Homatropine hydrobromide, bots., oz.15.00 -25.00
Hoofmeal, 17-18% ammon., bulk, c.l., Chicago..unit-ton. 4.50 - 4.75
Hops, NF, bls.....lb. .56 - 1.50
Horehound, bls.....lb. .10½- .12
Hydrangea root, bls.....lb. No prices
Hydrastine, alkaloid, beta.....oz.20.00 -25.00
Hydrochloride, bots.....oz.20.00 -22.00
Sulphate, bots.....oz.29.00 -32.00
Hydrastinine, 10-gr. bots.....bot. 1.95 - —
Hydrastis (see Goldenseal).
Hydrofuramide, dms., fib. cns., works..lb. .30 - .40
Hydrogen peroxide,[6] USP, bbls., lb. .03¾- .04
100 vols., cbys., E. of Miss. River, or West coast via Panama Canal..lb. .15½- .18½
Hydroquinone, bbls., dms.....lb. .90 - .94
Hydroxycitronellal, cns.....lb. 8.50 - 9.00
dms., extra, ret'able, dlvd...lb. 4.50 - —
Hyoscine hydrobromide, bots..oz.50.00 -70.00
Hyoscyamine, bots.....oz.16.00 -20.00
Hydrobromide, bots.....oz.16.00 -20.00
Sulphate, bots.....oz.16.00 -20.00
Hypernic, cryst., No. 1, bbls..lb. .42 - —
No. 2, bbls.....lb. .34 - —
Extra, No. 1, bbls.....lb. .24 - —
No. 2.....lb. .16 - —

I

Icthammol, NF, bots.....lb. 2.45 - —
Indian red (see Red, Indian)
Indigo, nat., chests.....lb. 2.14 - 2.30
synth., paste, bots.....lb. .16½- .19
powd., bbls.....lb. .74½- .85
Indol, CP, bots.....lb.23.00 -24.00
Insect flowers (see Pyrethrum).
Iodine, crude, 25-lb. jars.....lb. 1.67 - —
150-lb. kgs.....lb. 1.28¼- —
resubl., 5-lb. bots., jars.....lb. 2.00 - 2.10
Iodoform, 100-lb. dms., kgs....lb. 3.95 - 4.10
25-lb. jars or fib. dms.....lb. 4.20 - —
Ipecac[6] root, bgs.....lb. No prices
powd., bgs.....lb. No prices
Irish moss, ordinary, bls.....lb. .26 - .28
powd., 60-80 mesh, bbls..lb. .32 - .33
prime bleached, bls.....lb. .35 - .40
powd., 60-80 mesh, bbls..lb. .40 - .50
Iron acetate, liquor, bbls., c.l., dlvd..lb. .17 - —
l.c.l., dlvd.....lb. .18 - —
solut., USP IX, 100-lb. cbys.lb. .17 - —
50-lb. djns.....lb. .18 - —

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Iron chloride (ferric), anhydr., tech., dms., c.l., works.		
100 lbs.	4.90	- 5.25
l.c.l., works	100 lbs.	6.50 - 6.85
cryst., tech., bbls., works, frt. alld.	100 lbs.	4.00 - 6.00
USP X, lump, bbls.	lb.	.07 - .08½
solut., 42 be, chys., works, frt. alld. or equald.	lb.	.05½- .06
djns., same basis	lb.	.10 - —
Citrate, USP VIII, gran., dms., lb.		.70 - .75
powd., cns.	lb.	.64 - .67
Glycerophosphate, bbls.	lb.	3.30 - 3.40
cns., 25 lbs.	lb.	3.52 - —
Hypophosphite, bbls., dms.	lb.	1.50 - 1.52
Iodide, bots.	lb.	3.18 - 3.32
Naphthenate,[4] 6% Fe, 50-gal. dms.	lb.	.15 - —
Nitrate, red, tech., dms.	lb.	.03½- .04
Oxalate, gran., dms.	lb.	.85 - .95
powd., cns.	lb.	.62 - —
kgs.	lb.	.47 - .49
Phosphate, soluble, NF, gran., cns.	lb.	.54 - .57
Pyrophosphate, gran., cns.	lb.	.59 - .62
Reduced, 90%, kgs.	lb.	.65 - .75
Resinate,[3,5] 7.4% Fe, 100-lb. dms.	lb.	.17½- —
Sulphate, tech. (see Copperas, and Ferric sulphate).		
USP, cryst., bbls., dms.	lb.	.05½- .11
Tallate, 4% Fe, 50-gal. dms.	lb.	.10¾- —
Iron-ammonia citrate, brown, green, gran., pearls, dms.	lb.	.33 - .38
scales, dms.	lb.	.49 - .52
Oxalate, bbls.	lb.	.23½- —
dms., kgs.	lb.	.25½- .26½
Iron-soda oxalate, bbls., dms.	lb.	.23½- .25¾
Isobornyl acetate, cns., works.	lb.	.85 - .90
Isobutyl acetate,[4] dms., works.	lb.	No prices
Propionate, dms., works	lb.	No prices
Isoeugenol, cns., works	lb.	4.05 - 4.25
Isopentane, dms., works	lb.	.45 - .55
Isophorone, dms., c.l., works	lb.	.21 - —
l.c.l., works	lb.	.22 - —
tanks, works	lb.	.20 - —
Isopropanol (see Alcohol, isopropyl).		
Isopropyl acetate,[4] dms., c.l., E. of Rockies, frt. alld.	lb.	.11 - —
l.c.l., E. of Rockies, same basis	lb.	.11½- .12
tanks, E. of Rockies, same basis	lb.	.10 - —
Alcohol (see Alcohol, isopropyl).		
Ether, dms., c.l.	lb.	.06 - —
l.c.l.	lb.	.06½- —
tanks	lb.	.04½- —
Isopropylamine, dms., works	lb.	.95 - —

J

Jaborandi leaves, bls.	lb.	.09 - .10
Jalap root, NF, bls.	lb.	.32 - .33
powd., bbls., bxs.	lb.	.38 - .39
Resin, lump, cns.	lb.	5.85 - —
powd., bxs.	lb.	5.90 - —
Juniper berries, dom., bgs.	lb.	.55 - .60
Juniper tar, USP, dms.	lb.	1.15 - 1.20

K

Kamala, cns.	lb.	.45 - .50
Kaolin (see China clay).		
Kava kava root, bls.	lb.	.23 - .24
Kerosene, at refinery: Ark., 41-44 w.w., tanks	gal.	.04½- —
Bayonne, 41-43 w.w., tanks	gal.	.071 - —
Gulf ports, 41-43 w.w., tanks.	gal.	.04¼- —
Okla.-Tex., 41-43 w.w., tanks.	gal.	.04¼- —
Penn., 45 w.w., tanks	gal.	.065 - .0755
46 w.w., tanks	gal.	.072- .07875
San Francisco, tanks	gal.	.11½- —
Kola nuts, bgs.	lb.	.09 - .10

L

Ladyslipper root, bls.	lb.	1.50 - 1.60
Lanolin (see Adeps lanae).		
Lard,[1,6] pure, ref., trcs.	lb.	.15 22½- —
prime steam, trcs.	lb.	.14 48- —
Larkspur seed, bgs.	lb.	2.00 - 2.05
Laurel berries, bls.	lb.	.25 - .26
Leaves, Cyprus, bls.	lb.	.24½- .25
Greek, bls.	lb.	No stocks
Portuguese, bls.	lb.	.17 - .18
Turkish, bls.	lb.	.29 Nom.
Lavender flowers, medium, bls.	lb.	.80 - —
ordinary, bls.	lb.	.45 - .50
select, bls.	lb.	.90 - .95
Lead, acetate,[2] white, broken, bbls.	lb.	.12¼- —
cryst., bbls.	lb.	.12½- —
gran., powd., bbls.	lb.	.13¼- —
Arsenate,[1,9] basic, powder, 3-lb. bgs. or larger, c.l.	lb.	.11½- .12
l.c.l.	lb.	.12 - .12½
1-lb. ctns., c.l.	lb.	.13½- .23½
l.c.l.	lb.	.19 - .25
standard, powder, 3-lb. bgs. or larger, c.l.	lb.	.11 - .11½
1-lb. bgs., c.l.	lb.	.16 - .20
l.c.l.	lb.	.16½- .20¼
1-lb. ctns., c.l.	lb.	.13 - .22
l.c.l.	lb.	.18½- .23¼
½-lb. ctns., c.l.	lb.	.21 - .25
l.c.l.	lb.	.21½- .25¼

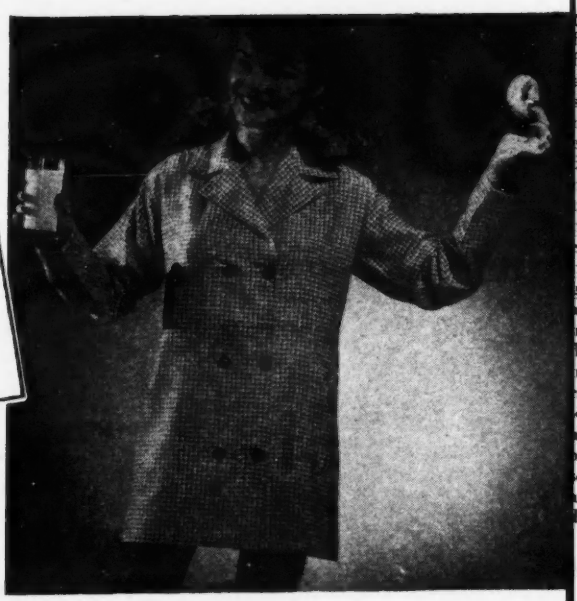
Inside column is maximum OPA prices for manufacturers or distributors; outside column for all other purchasers. Lead arsenate prices are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for works or whse. pick-ups.

Blue, basic sulphate, bbls., c.l., dlvd. E.	lb.	.07½- —
Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo.	lb.	.07¾- —
l.c.l., dlvd. E.	lb.	.07¾- —
Ariz., Cal., Col., Idaho, Mont., Nev., N.M., Ore., Utah, Wash., Wyo.	lb.	.08 - —
Carbonate (see Lead, white).		
Chloride, fib. dms.	lb.	.49 - —
Iodide, NF V, bots.	lb.	2.80 - —
jars	lb.	2.69 - —
Linoleate, pale, precip., bbls.	lb.	.22½- —
Metal,[10] (see Protective Coatings Materials market).		
Metallic paste, dms., works.	lb.	No stocks
Napthenate, 24%-30% Pb, dms.	lb.	.14¼- .17½
Nitrate, bbls.	lb.	.12½- —
Oleate, bbls.	lb.	.17¾- —
Peroxide, powd., tech., bbls.	lb.	.23 - .28
Red, 95%, Pb_3O_4 or less, bbls., c.l. (20 tons), dlvd. Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash.	lb.	.09¼- —
other points	lb.	.09 - —
l.c.l., 5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex., and W. Cascade Mts. in Ore. and Wash.	lb.	.09¾- —
Ariz., Idaho, Nev., Utah, and E. of Cascade Mts. in Ore. and Wash.	lb.	.10¼- —
Colo., Mont., N. Mex., Wyo.	lb.	.10 - —
other points	lb.	.09½- —
Lead, red, 95% Pb_3O_4 or less, bbls., l.c.l., smaller lots, Ala., etc.	lb.	.10¾- —
Ariz., etc.	lb.	.10¾- —
Colo., etc.	lb.	.10¼- —
other points	lb.	.10 - —
in oil, kgs.	lb.	.14 - —
97% Pb_3O_4, bbls., c.l., dlvd. Ala., etc.	lb.	.09½- —
other points	lb.	.09¾- —
l.c.l., 5 tons, dlvd. Ala., etc.	lb.	.10 - —
Ariz., etc.	lb.	.10½- —
Colo., etc.	lb.	.10½- —
other points	lb.	.09¾- —
smaller lots, dlvd. Ala.,	lb.	.10¾- —
Ariz., etc.	lb.	.11 - —
Colo., etc.	lb.	.10¾- —
other points	lb.	.10¼- —
98% Pb_3O_4, bbls., c.l. (20 tons), dlvd. Ala., etc.	lb.	.09¾- —
other points	lb.	.09½- —
l.c.l., 5 tons, dlvd. Ala., etc.	lb.	.10¼- —
Ariz., etc.	lb.	.10¾- —
Colo., etc.	lb.	.10½- —
other points	lb.	.10 - —
smaller lots, dlvd. Ala., etc.	lb.	.10½- —
Ariz., etc.	lb.	.11¼- —
Colo., etc.	lb.	.11 - —
other points	lb.	.10¼- —
Resinate, precip.,[3] 23.3% Pb., dms.	lb.	.17½- —
Silicate, bgs.	lb.	.0730- .0780
Soyate, 26.15% Pb., dms.	lb.	.22¼- —
Stearate, bbls.	lb.	.31 - .33
Sulphate (see Lead, blue; Lead, white, basic sulphate).		
Tallate, 10% Pb., dms.	lb.	.06¼- —
Lead titanate, bgs., bbls., c.l.,		.11 - —
l.c.l., 5 tons, one delivery, E., frt. alld.	lb.	.11¼- —
Pac. Cst., ex whse.	lb.	.11½- —
smaller lots, E. frt. alld.	lb.	.11½- —
Pac. Cst., ex whse.	lb.	.11¾- —
White, basic carbonate, bbls., c.l., dlvd. Ariz., Calif., Colo., Idaho, Mont., Nev., N. Mex., Ore., Utah, Wash., and Wyo.	lb.	.06½- —
dlvd. other points	lb.	.06¾- —
l.c.l., dlvd. Ariz., etc.	lb.	.06¾- —
other points	lb.	.06½- —
basic sulphate, dry, bbls., c.l., dlvd. Ariz., etc.	lb.	.07½- —
other points	lb.	.07¾- —
l.c.l., dlvd. Ariz., etc.	lb.	.08 - —
other points	lb.	.07½- —
in oil, consumers, kgs.	lb.	.13¼- .13¾
dealers, kgs.	lb.	.11½- .11⅝
painters, kgs.	lb.	.12½- .12⅞
Lecithin, edible, dms., c.l.	lb.	.25¼- —
l.c.l.	lb.	.26½- .45
in cocoa butter, dms., c.l.	lb.	.39½- —
l.c.l.	lb.	.40¾- .50
tech., dms., c.l.	lb.	.25¾- —
l.c.l.	lb.	.26½- .45
vegetable, pure, bots, 100 lbs.	lb.	2.75 - —
Lemon peel, bls.	lb.	.80 - .85
Licorice extract, mass, cns.	lb.	.25 - .72
powd., bbls.	lb.	.60 - .88
Root, Indian, bls.	lb.	.12 - .14
powder, bbls.	lb.	.18 - .20
Russian, bls.	lb.	.12 - .18
Spanish, bls.	lb.	.12 - .13
Turkish, bls.	lb.	.12 - .18
Lignin extract, tanning grade, bgs., c.l., works.	lb.	.04 - —
Lime, chemical (quicklime), lump, pebble, bulk: Adams, Mass.	ton.	8.00 - —
Annville, Pa.	ton.	7.50 - —
Bellefonte, Pa.	ton.	7.50 - —
Berkley, W. Va.	ton.	7.50 - —
Carey, Ohio.	ton.	7.00 - —
Cedar Hollow, Pa.	ton.	8.50 - —
Crab Orchard, Tenn.	ton.	6.25 - —
Eagle Mountain, Va.	ton.	7.65 - —
Farnams, Mass.	ton.	8.00 - —
Gibsonburg, Ohio.	ton.	7.00 - —
Hannibal, Mo.	ton.	6.50 - —
Keystone, Ala.	ton.	6.90 - —
Knoxville, Tenn.	ton.	6.90 - —
Limedale, Ark.	ton.	7.00 - —
Longview, Ala.	ton.	6.25 - —
Manistique, Mich.	ton.	8.00 - —
Marblehead, Ohio.	ton.	7.50 - —
Martinsburg, W. Va.	ton.	7.50 - —
Menominee, Mich.	ton.	8.00 - —
Mitchell, Ind.	ton.	6.50 - —
Newala, Ala.	ton.	6.25 - —
Rincon, Cal.	ton.	13.00 - —
Ripplemead, Va.	ton.	7.65 - —
Riverton, Va.	ton.	7.65 - —
Rockland, Me.	ton.	8.00 - —
San Francisco, Cal.	ton.	13.00 - —
Scioto, Ohio.	ton.	6.50 - —
Springfield, Mo.	ton.	7.00 - —
Woodville, Ohio.	ton.	7.00 - —
York, Pa.	ton.	7.50 - —
Hydrated, paper bgs., Adams, Mass.	ton.	9.00 - —
Annville, Pa.	ton.	9.00 - —
Bellefonte, Pa.	ton.	9.00 - —
Berkley, W. Va.	ton.	9.00 - —
Buffalo, N.Y.	ton.	10.00 - —
Carey, Ohio.	ton.	8.50 - —
Cedar Hollow, Pa.	ton.	10.00 - —
Crab Orchard, Tenn.	ton.	9.00 - —
Eagle Mountain, Va.	ton.	9.15 - —

LIFE On The

WAR SHORTAGES ACCELERATE THE USE OF CASEIN IN NEW FIELDS OF MANUFACTURE

Best known for its extensive use in the production of coated papers, as well as for its use in certain types of adhesives, paints, and as a plastic material, casein in recent years has become increasingly important as a raw material for other purposes. Increasing amounts, for example, are being used in sizings for rayon tire cord... for producing a fiber with many of the qualities of natural wool. In many old and new cases for casein, Cyanamid supplies the well-known brands of Acco* domestic caseins, and the famous Dairyco brand casein.



(*Above*) **THE FIRST SYNTHETIC PROTEIN FIBER** to meet the exacting r quirements of American textile manufacturers is a material i which casein is a basic ingredient. The fiber has the same softnes resiliency, and thermal qualities of wool.

(*Left*) **IN THE PRODUCTION OF FINE COATED PAPERS** for magazine cover writing and printing stock, labels and packaging, casein has alway been utilized to improve printing qualities. Both Cyanamid imported Dairyco brand and Acco* brands of domestic casei are widely used by the paper industry.

(*Above*) **MILLIONS OF POUNDS OF RAYON TIRE CORD** now being woven in tires for trucks, airplanes, jeeps, gun carriers, and other milita machines, are treated with casein sizing. Cyanamid's Dairy brand casein has been found most suitable for this use because its exceptional uniformity and high adhesive strength.

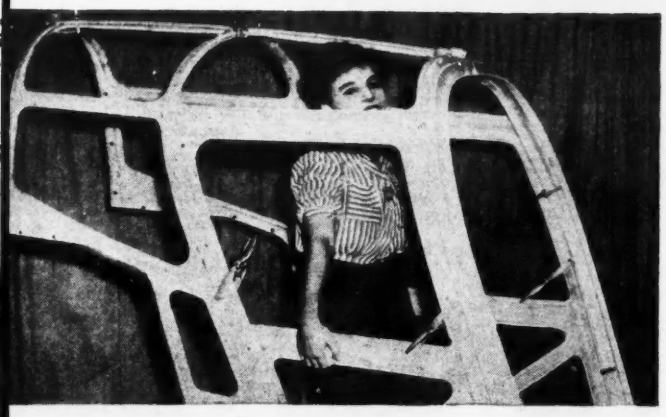
Lime, hydrated, Farnams, Mass.	ton.	9.00	—
Gibsonburg, Ohio	ton.	9.00	—
Hannibal, Mo.	ton.	9.00	—
Keystone, Ala.	ton.	10.65	—
Knoxville, Tenn.	ton.	9.65	—
Le Roy, Minn.	ton.	10.00	—
Lime Crest, N. J.	ton.	8.50	—
Limedale, Ark.	ton.	9.00	—
Manistique, Mich.	ton.	9.50	—
Marblehead, Ohio.	ton.	9.50	—
Martinsburg, W. Va.	ton.	9.00	—
Menominee, Mich.	ton.	9.00	—
Mitchell, Ind.	ton.	9.00	—
Newala, Ala.	ton.	9.00	—
Potoskey, Mich.	ton.	9.00	—
Port Island, Mich.	ton.	9.00	—
Rapid City, S. D.	ton.	12.00	—
Ripplemead, Va.	ton.	9.15	—
Riverton, Va.	ton.	9.15	—
Rockland, Me.	ton.	9.00	—
San Francisco, Cal.	ton.	16.00	—
Scioto, Ohio	ton.	8.00	—
Springfield, Mo.	ton.	9.00	—
Woodville, Ohio.	ton.	9.00	—
York, Pa.	ton.	9.00	—
Spray, paper bgs., Adams, Mass.	ton.	10.00	—
Annville, Pa.	ton.	9.50	—
Bellefonte, Pa.	ton.	10.00	—
Carey, Ohio	ton.	11.00	—
Farnams, Mass.	ton.	9.50	—
Gibsonburg, Ohio	ton.	11.00	—
Lime Crest, N. J.	ton.	9.00	—
Marblehead, Ohio	ton.	10.00	—
Rockland, Me.	ton.	10.00	—
Woodville, Ohio	ton.	10.00	—
York, Pa.	ton.	10.00	—
Lime salts (see Calcium).			
Lime-ammonia-nitrogen[a] 20.5% N. (see Ammonia nitrate-lime-stone).			
Linalool, cns.	lb.	7.25	- 8.00
Linalyl acetate, cns.	lb.	3.00	- 3.75
Linden flowers with leaves, bls.,	lb.	.90	- 1.00
Linseed meal,[1] 34%, bulk, c.l.	ton.	45.00	—
32%, bulk, c.l.	ton.	43.00	—
Litharge, com'l, powd., bbls., c.l., dlvd. Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo. and E. of Cascade Mts. in Ore. and Wash.	lb.	.08¼	—
other points	lb.	.08	—
l.c.l., 5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex., and W. of Cascade Mts. in Ore. and Wash.	lb.	.08¾	—
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash.	lb.	.09¼	—
Colo., Mont., N. Mex., Wyo.	lb.	.06	—
other points	lb.	.08½	—
smaller lots, dlvd. Ala., etc.	lb.	.09¼	—
Ariz., etc.	lb.	.09¾	—
Colo., etc.	lb.	.09½	—
other points	lb.	.09	—
Lithium bromide, bbls., 100 lbs., works, frt. equald.	lb.	1.90	—
smaller lots, works	lb.	1.92	- 1.95
Carbonate, NF, bbls., kgs.	lb.	1.25	- 1.30
Chloride, jars	lb.	1.65	- 1.70
Cirate, bbls., dms., kgs.	lb.	1.40	- 1.45
Fluoride, bbls.	lb.	2.45	- 2.60
Hydroxide, jars	lb.	1.25	- 1.40
Iodide, bots.	lb.	5.20	—
jars	lb.	5.05	—
Stearate, fib. dms., 3 tons, works	lb.	.50	—
Lithopone,[1,4] ordinary, bgs., c.l. (20 tons)	lb.	.04¼	—
l.c.l.	lb.	.04½	—
bbls., c.l.	lb.	.04½	—
l.c.l.	lb.	.04¾	—
titanated,[4] (high-strength), bgs., c.l.	lb.	.0560	—
smaller lots	lb.	.0585	—
bbls., c.l.	lb.	.0585	—
smaller lots	lb.	.0610	—
Lithopone, c.l., dlvd. Pac. Cst., ¼c. higher; l.c.l. ex. whse. Pac. Cst., ¼c. higher.			
Liverwort leaves, bls.	lb.	.85	- .90
Lobelia herb, bls.	lb.	1.00	- 1.05
Lobeline sulphate, bots., wks.	oz.	25.50	-38.00
Logwood, crystals, No. 1, bbls.	lb.	.28	—
No. 2, bbls.	lb.	.26	—
Extract, liquid, No. 1, bbls.	lb.	.14	—
No. 2, bbls.	lb.	.13	—
No. 3, bbls.	lb.	.12½	—
No. 4, bbls.	lb.	.10	—
solid, No. 1, bxs.	lb.	.23½	—
No. 2, bxs.	lb.	.21½	—
Lovage, American (ligusticum actae folium), root, bls.	lb.	1.20	- 1.50
Lupulin, NF, 1944 crop, tins.	lb.	16.00	-17.00
Lycopodium, USP, cs.	lb.	2.00	- 2.25

M

Mace,[1] Amboyna, cs.	lb.	.77	Nom.
Banda, cs.	lb.	.98	Nom.
West Indian, bgs.	lb.	.62	Nom.
No. 1, bgs.	lb.	.60	Nom.
broken, bgs.	lb.	.55	Nom.
Madder, Dutch, bbls.	lb.	.24	- .30
Magnesia arsenate,[1,5] dms.	lb.	.155	- .18
Calcined, tech., USP, bbls., works.	lb.	.20	—
Carbonate, tech., bgs., c.l., Zone 1	lb.	.06¾	—
l.c.l., Zone 1	lb.	.07¼	—
bbls., c.l., Zone 1	lb.	.07¼	—
l.c.l., Zone 1	lb.	.08¼	—
kgs., c.l. Zone 1	lb.	.06¾	—
l.c.l., Zone 1	lb.	.09¾	—
USP, bgs., c.l., Zone 1	lb.	.08	—
l.c.l., Zone 1	lb.	.09	—
bbls., c.l., Zone 1	lb.	.08½	—
l.c.l., Zone 1	lb.	.09½	—
kgs., c.l., Zone 1	lb.	.08¾	—
l.c.l., Zone 1	lb.	.10¾	—
Magnesia carbonate prices, basis Phillipsburg, N. J., and Plymouth Meeting, Valley Forge, Pa.; l.c.l. prices ¼c. lower, Zone 2, store delivery; store door delivery, both zones, Zone 1—Conn., Del., D. C., Md., Mass., N. J., N. Y., Pa., and R. I.; Zone 2, remainder of U. S.			
Chloride, anhyd., bbls., dlvd.	lb.	.12¾	—
flake, bbls., c.l., works	ton.	32.00	—
l.c.l., works	ton.	39.00	-42.00
Fluoride, bbls.	lb.	.20	- .21
Hydroxide, medicinal, bbls., dms., kgs.	lb.	.20	- .30
Hypophosphite, cns.	lb.	1.45	—
Laurate, bbls.	lb.	.33	- .35
Oxide (see Magnesia, calcined).			
Peroxide, 15%, dms., works.	lb.	1.00	- 1.05
Phosphate, tribasic, USP, bbls.	lb.	.60	—
Silicate (see Talc).			
Silicofluoride, bbls.	lb.	.08	- .09
Stearate, etns.	lb.	.31	- .32
Sulphate (see Epsom salt).			
Trisilicate, dms., 1,000-lb. contracts.	lb.	.37	—
smaller lots	lb.	.42	—
Magnesite, cal., powd., bags, mines, Calif.	ton.	68.75	—
dead-burnt,[1] bulk, c.l., f.o.b. Chewelah, Wash.	ton.	22.00	-32.00
Maleic anhydride,[6] dms., c.l.	lb.	.25	—
l.c.l	lb.	.28	—
Malva flowers, black, bls.	lb.	No stocks	
blue, bls.	lb.	No stocks	
Leaves, bls.	lb.	.38	- .40
Manaca root, bls.	lb.	.23	- .24
Mandrake root, bls.	lb.	.23	- .25
Manganese acetate, dms.	lb.	.35½	—
Arsenate,[6] bgs.	lb.	.12	- .12¼
Borate, tech., bbls.	lb.	.16	- .18
Carbonate, bbls.	lb.	.19	—
Chloride, anhyd., bbls.	lb.	.15	- .18
Dioxide, African, battery, 84-87%, bbls., 28-46 tons, works.	ton.	74.00	—
smaller lots, works.	ton.	77.00	-82.00
Caucasian, 85-90%, bbls., c.l., works.	ton.	74.00	—
smaller lots, works.	ton.	77.00	-82.00
burlap bgs., c.l., works,	ton.	71.75	—
l.c.l., works	ton.	74.75	-79.75
paper bgs., c.l., works.	ton.	70.00	—
l.c.l., works	ton.	73.00	—
Glycerophosphate, bgs., bbls., 1,000-lb. lots.	lb.	3.05	—
100-lb. lots.	lb.	3.15	—
cns., 25 lbs.	lb.	3.27	—
Hydrate, bbls., dlvd.	lb.	.26	—
Iodide, bots.	lb.	6.70	—
jars	lb.	5.55	—
Linoleate, liquid, 4%, dms.	lb.	.20	—
solid, precip., 8.2%, bbls.	lb.	.22	—
Naphthenate, 6% Mn, dms.	gal.	.16	—
Resinate, fused, 3½%, bbls.	lb.	.09	- .10½
precip., dms.	lb.	.14½	- .15½
Soyate, 8.2% Mn. dms.	lb.	.22	—
Sulphate, anhyd., dms., works,	lb.	No stocks	
feed grade, 77-80%, bgs.	lb.	.04	- .05
fertilizer grade, 65%, bgs., c.l., dlvd. East.	ton.	39.50	—
l.c.l., same basis, or Balto. or Cincinnati	ton.	68.50	—
industrial grade, 80%, bgs.	lb.	.05	- .05½
Tallate, 4% Mn, dms.	lb.	.09	—
Mangrove bark, E. Afr., bgs.	ton.	65.00	-66.00
Manna, flake, cs.	lb.	No stocks	
Mannitol,[6] com'l, bbls., works.	lb.	.35	- .40
reagent, cs. or multiples, works.	lb.	.85	—
Marjoram, Argentine, bls.	lb.	No stocks	
California, French type, new crop, bls., Pacific Coast.	lb.	.35	- .36
Chilean, bls.	lb.	.19	- .19½
Matico leaves, bls.	lb.	.22	- .39
Menadione, USP, bots.	gram.	.10	—
Menthol, natural, USP, cns.	lb.	9.50	- 9.75
synthetic, tech., cns.	lb.	5.00	- 6.00
USP, laevo, cns.	lb.	13.00	—
racemic, cns.	lb.	8.60	- 9.15
Menthyl salicylate, tins.	lb.	3.00	- 3.10
Mercurial ointment, USP, mild, 10%, tubs.	lb.	.70	- .72
30%, pails	lb.	1.23	- 1.34
50%, pails	lb.	1.69	- 1.71
Mercury bichloride[3] (see Corrosive sublimate).			
Bisulphate,[3] dms.	lb.	2.45	- 2.47
Chloride,[3] (see Calomel).			
Cyanide,[3] cryst., powd.	lb.	2.72	—
Iodide,[3] red, NF, dms., kgs.	lb.	4.38	—
yellow, fib. dms., kgs.	lb.	4.48	—
Nitrate ointment (see Citrine ointment).			
Oxide,[3] red, NF (see Red precipitate).			
yellow, USP, fib. dms.	lb.	3.07	- 3.09
tech. (see Yellow, mercury oxide).			
Mercury and chalk,[3] etns.	lb.	1.69	- 1.71
dms.	lb.	1.59	- 1.61
Mesityl oxide, dms., c.l., dlvd.	lb.	.11½	—
l.c.l., dlvd.	lb.	.12	—
tanks, dlvd.	lb.	.10¼	—
Metal leaf, composition, 5½x5½ in.	pkg.	3.00	—
Gold X+, deep, 23, 3¾x3¾ in.,	pkg.	15.00	—
Silver, 3¾x3¾ in.	pkg.	3.00	—
Metanitroparatoluidin, bbls.	lb.	1.05	- 1.10
Metaphenylenediamine, kgs.	lb.	.65	—
Metatoluylenediamine, kgs.	lb.	.70	—
Methanol,[1,2,3] natural, all grades, dms., c.l., E. of Miss. R.,	gal.	.33	- .39
l.c.l., same basis	gal.	.73	- .76
tanks, same basis	gal.	.60	—
Inside prices on natural methanol are drums extra; outside drums included. Prices W. of Miss. R. 3c. higher.			
synthetic, dms., c.l., Zone 1, frt. alld.	gal.	.31	—
2, frt. alld. or dlvd.	gal.	.34	—
3, frt. alld.	gal.	.33	—
4, frt. alld.	gal.	.39	—
l.c.l., Zone 1, frt. alld. or dlvd.	gal.	.36	—
2, frt. alld.	gal.	.43	—
3, dlvd. S. F. and L. A.,	gal.	.41	—
4, frt. alld. or dlvd.	gal.	.51½	—

Chemical Newsfront

(Right) **"FIREMAN'S RED"** identifies everything connected with fire fighting, from engines to alarm boxes. Similar use of specific colors is now being made by industry to identify equipment, improve vision, direct attention, and create harmonious working conditions. For example, brightly pigmented paints focus workers' eyes on critical machine parts, soft tones on background areas reduce tension and eye fatigue, and contrasting colors guide traffic on floors and aisles. As pigment producers, the Calco Chemical Division of Cyanamid works closely with paint manufacturers and other users of pigments and through research is improving the resistance of pigments to fading, discoloration, and aging.



(Above) **R-6 WAR HELICOPTER CABIN STRUCTURES,** made of Fiberglas bonded with LAMINAC*, Cyanamid's low-pressure laminating resin, inaugurate the use of laminated plastics on a volume basis in this type of construction. Produced by the United States Rubber Company, this material is used because of its light weight, great tensile strength, rigidity, and ability to withstand strains and excessive vibration.

(Above) **FOR DISTINCTIVE COSMETICS,** to meet the requirements of the fine art of make-up today, Cyanamid supplies a broad range of basic materials including AQUASOL* and NO-ODOROL* sulfonated oils, AEROSOL* wetting agents, gums, zinc and magnesium stearates, waxes, K & M magnesium oxide and carbonate, and talc.

*Reg. U. S. Pat. Off.

American Cyanamid & Chemical Corporation

A Unit of American Cyanamid Company

30 ROCKEFELLER PLAZA · NEW YORK 20, N. Y.

Methanol, synthetic, tanks, Zone 1, frt. alld..gal. .24 - —
2, frt. alld.....gal. .27 - —
3, frt. alld.....gal. .29 - —
4, frt. alld.....gal. .29 - —

Synthetic methanol zones are:—Zone 1—Conn., Del., D. C., Ill., Ind., Ia., Ky., Me., Md., Mass., Mich., Minn., Mo., Neb., N. H., N. J., N. Y., N. C., O., Pa., R. I., S. C., Tenn., Vt., Va., W. Va., and Wis. Zone 2—Ala., Ark., Col., Fla., Ga., Kan., La., Miss., N. Mex., N. Dak., Okla., S. Dak., Tex., and Wyo. Zone 3—Los Angeles and San Francisco. Zone 4—Ariz., Calif. (with exception of Los Angeles and San Francisco), Ida., Mont., Nev., Ore., Utah, and Wash. Buyers in zone 4 have the option of buying at the delivered zone 4 price or at the zone 3 price, f.o.b. Los Angeles and San Francisco.

Methyl abietate, non-ret. dms., c.l., dlvd..lb. .0750- —
l.c.l., dlvd.....lb. .0875- .0975
smaller cont., dlvd.....lb. .1475- —
hydrogenated, non-ret. dms., c.l., dlvd..lb. .1150- —
l.c.l., 10-dm. lots, dlvd...lb. .1275- .1376
smaller cont., dlvd.....lb. .1875- —
Acetate, CP, 97-99%, dms., c.l., E. of Miss..lb. .10½- .12
W. of Miss.....lb. .11½- .12
l.c.l., E. of Miss.....lb. .11 - .14
W. of Miss.....lb. .12 - .13½
tanks, E. of Miss.....lb. .09½- —
W. of Miss.....lb. .10½- —
tech., dms., c.l., E. of Miss., lb. .07 - .09
W. of Miss.....lb. .08 - —
l.c.l., E. of Miss.....lb. .07½- .11
W. of Miss.....lb. .08½- .10½
tanks, E. of Miss.....lb. .06 - —
W. of Miss.....lb. .07 - —
Acetoacetate, dms., c.l., works, frt. alld..lb. .30½- —

Methyl acetone, natural, Group A, dms. incl., c.l., E. of Miss., frt. alld..gal. .66 - —
l.c.l., same basis....gal. .76 - —
tanks, same basis.....gal. .60 - —

Natural methyl acetone prices W. of Miss. R., 3c. per gal. higher.

Group B, dms. extra, c.l., Zone 1, frt. alld..gal. .63 - —
Zone 2, same basis.gal. .65 - —
Zone 3, same basis.gal. .67 - —
Zone 4, same basis.gal. .69 - —
l.c.l., Zone 1, same basis. gal. .66 - —
Zone 2, same basis.gal. .83 - —
Zone 3, same basis.gal. .70 - —
Zone 4, same basis.gal. .83 - —
tanks, Zone 1, same basis. gal. .60 - —
Zone 2, same basis.gal. .62 - —
Zone 3, same basis.gal. .64 - —
Zone 4, same basis.gal. .64½- —

Natural methyl acetone zones are:—Zone 1, Conn., Del., D. of C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., W. Va., Wis. Zone 2—Ala., Ark., Col., Fla., Ga., Kan., La., Miss., Neb., N. D., Okla., S. C., S. D., Tex., Wyo. Zone 3—Los A., San Fran., Seattle, Wash.; Portland, Ore. Zone 4—Ariz., Cal., Idaho, Mont., N. Mex., Nev., Ore., Utah, Wash.

Synthetic, dms., c.l., Zone 1. gal. .51 - —
Zone 2.....gal. .52 - —
Zone 3.....gal. .53½- —
Zone 4.....gal. .54½- —
l.c.l., Zone 1.....gal. .54½- —
Zone 2.....gal. .57 - —
Zone 3.....gal. .58 - —
Zone 4.....gal. .59½- —

Methyl acetone, synth., tanks, Zone 1..gal. .43 - —
Zone 2.....gal. .44½- —
Zone 3.....gal. .45½- —
Zone 4.....gal. .46½- —

Synthetic methyl acetone zones are:—Zone 1—Conn., Del., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Penn., R. I., S. C., Tenn., Vt., Va., W. Va., Wis. Zone 2—Ala., Ark., Col., Fla., Ga., Kan., La., Miss., Neb., N. D., Okla., S. D., Tex., Wyo. Zone 3—Los Angeles, Cal.; San Francisco, Cal.; also (c.l. only) Portland, Ore., and Seattle, Wash. Zone 4—Ariz., Cal., N. Mex., Mont., Nev., Idaho, Ore., Utah, Wash.

Methyl alcohol (see Methanol).
Anthranilate, bots, 100-lb. lots, lb. 2.20 - 2.50
25-lb. lots.....lb. 2.35 - 2.65
Benzoate,[6] cns.....lb. .55 - 1.00
Bromide, cns.....lb. .75 - .80
cyls. .....lb. .65 - .75
Chloride, refrigeration, cyls., 500 lbs. and up, machine mfrs. and jobbers, cylinders..lb. .32 - —
service men and consumers, cyl..lb. .36 - —
50 to 400 lbs., mach. mfrs. and jobbers..lb. .36 - —
service men and consumers..lb. .40 - —
tanks, multi-unit, machine mfrs. and jobbers..lb. .31 - —
service men and consumers..lb. .36 - .40

Methyl chloride quotations are spot or contract, ship. point; prices above are in 60, 90 and 180-lb. cylinders; 20-lb. cylinders, 10c. per pound higher.

Methyl cinnamate, cns.....lb. 1.50 - 4.00
Formate, dms.....lb. .69 - —
Iodide, bots.....lb. 4.00 - 4.15
Lactate, dms., c.l., dlvd.....lb. No stocks
Oleate, dms., c.l.....lb. .35 - —
Salicylate,[1] dms., 500 lbs.....lb. .35 - —
25-50 lbs.....lb. .37 - .38
Methylamyl ketone, cns., dms., works..lb. .30 - .33
Methylcellulose, special, vis. (4,000 cps.) fib. ctns., 2,000 lbs. or more, frt. alld..lb. .60 - —
smaller lots, frt. alld....lb. .65 - .70
Methylcellulose, standard vis. (15-1,500 cps.), fib. ctns., 2,000 lbs. or more, frt. alld. lb. .53 - —
smaller lots, frt. alld....lb. .58 - .63
Methylcyclohexane, 98-100%, dms., works..lb. .16 - —
Methylcyclohexanol, 98-100%, dms., works..lb. .23 - —
Methylcyclohexanone, 98-100%, dms., works..lb. No stocks
Methylene blue, USP, kgs.100 lbs. 2.00 - 2.15
cns., 5 lbs.....lb. 2.35 - —
Chloride, refrig., dms., wks..lb. .18 - .28
solvent, dms., works.....lb. .12 - .15
Methylethyl ketone,[6] dms., E. of Rocky Mts..lb. .09 - —
l.c.l., same basis.....lb. .09½- —
tanks, same basis.....lb. .08 - —
Methylhexyl ketone, dms., tech., works..lb. .60 - —
Methylisobutyl ketone,[6] dms., c.l., dlvd..lb. .12½- —
l.c.l., dlvd.....lb. .13 - —
tanks, dlvd.....lb. .11½ —
Methylnaphthyl ketone, cns...lb. No stocks
Methylpentanediol, dms., c.l., works..lb. .16 - —
l.c.l., works.....lb. .16½- —
1 and 5-gal. cont., works..lb. .20½- .22½
tanks, works.....lb. .15 - —
Mica, dry-grd., paint, plastic, 100 mesh, bgs., c.l., works..ton.45.00 - —
l.c.l., works.....ton.48.50 - —
roofing, 20 mesh, bgs., c.l., works..ton.32.50 - —
l.c.l., works.....ton.37.50 - —
30-31 mesh, bgs., c.l., works, ton.32.50 - —
l.c.l., works.....ton.37.50 - —
40-45 mesh, bgs., c.l., works, ton.32.50 - —
l.c.l., works.....ton.37.50 - —
80 mesh, bgs., c.l., works, ton.40.00 - —
l.c.l., works.....ton.43.00 - —
graphitic, bulk, Pa. mines.ton.80.00 - —
wet-grd., biotite, bgs., c.l., works, frt. alld E..lb. .04¼- —
l.c.l., ex whse., or frt. alld. E..lb. .04¾- —
extra fine, bgs., c.l., works, frt. alld. E..lb. .04 - —
l.c.l., ex whse. or frt. alld. E..lb. .04½- —
paint or lacq., bgs., c.l., works, frt. alld. E..lb. .05 - —
l.c.l., ex whse. or frt. alld. E..lb. .05½- —
rubber, bgs., c.l., works, frt. alld. E..lb. .04¾- —
l.c.l., ex whse. or frt. alld. E..lb. .05¼- —
wallpaper, bgs., c.l., works, frt. alld. E..lb. .05 - —
l.c.l., ex whse. or frt. alld. E..lb. .05½- —
white, extra fine, bgs., c.l., works, frt. alld. E..lb. .06 - —
l.c.l., ex whse. or frt. alld. E..lb. .06¾- —

Mica, wet-grd., W. of Miss. R., ½c. higher; W. of Rockies, 1c. higher.

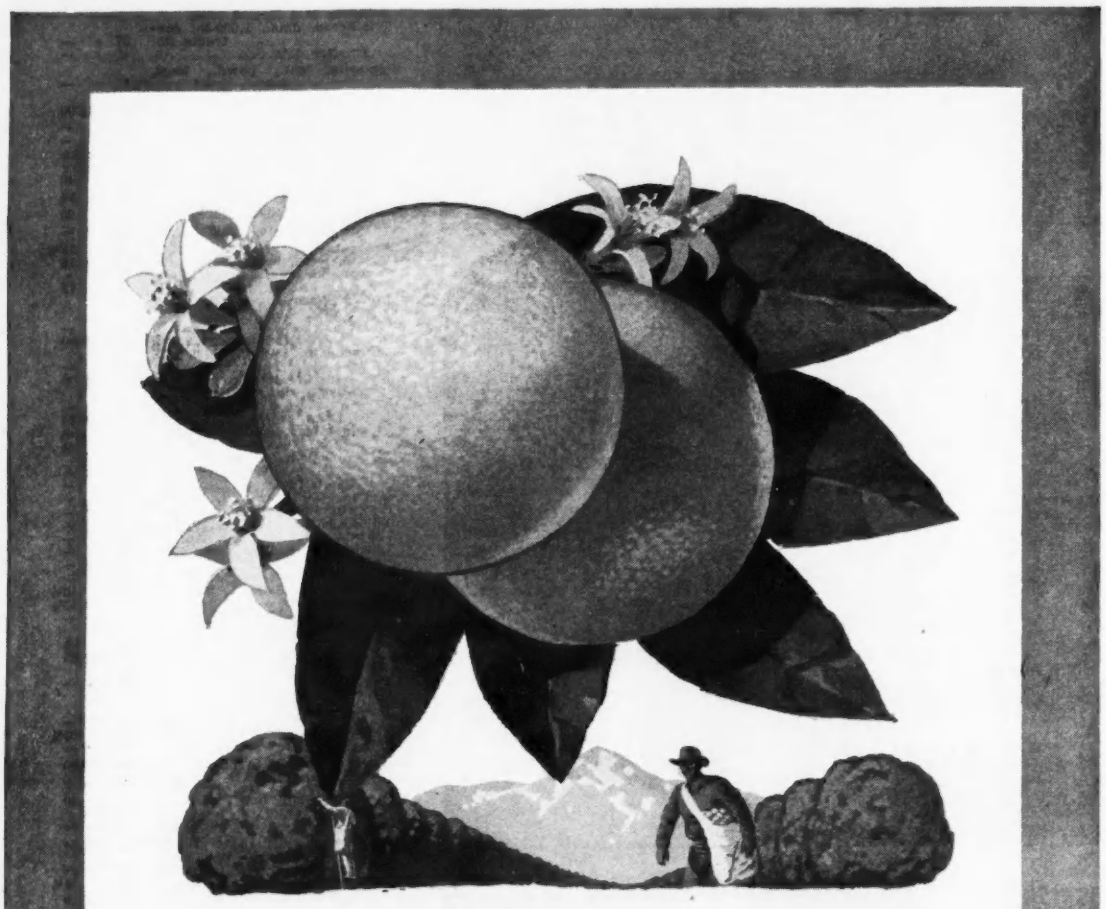
Milk powder,[1,7] skimmed, roller, bulk, Zone A, bbls..lb. .14 - .14½
Zone B.....lb. .13½- .14
spray, bulk, Zone A.....lb. .14½- —
Zone B.....lb. .14¼- —
whole, roller, bbls.....lb. .29 - .32
spray, bbls.....lb. .30 - .34½

Skimmed milk powder zones are:—B, Conn., Del., D. C., Mass., Md., Me., N. J., N. H., N. Y., Pa., R. I., and Vt.; A, all other States.

Milk sugar,[1] bbls., c.l., works.lb. .26 - —
l.c.l., works.....lb. .26¾- .27¼
Mineral spirits (see Petroleum, mineral spirits).
Molasses,[1,6] blackstrap, tanks, works, Area 1..gal. .18 - —
Area 2.....gal. .18½- —
Area 3.....ton.26.00 - —
Area 4.....ton.29.00 - —
Area 5.....ton.34.60 - —

Area 1, Fla., Ga., La., Tex.; Area 2, Mass., Md., N. J., N. Y.; Area 3, Calif.; Area 4, Colo., Idaho, Kan., Mont., Neb. (excepting Grand Island), S. D., Utah, Ore., Wash., Wyo.; Area 5, Ia., Md., Mich., Minn., Grand Island, Neb., Ohio, Wis.

Molybdate orange (see Orange, molybdate).
Molybdenum metal,[1,6] kgs., 99% powd..lb. 2.60 - 3.00
Trioxide,[5] pure, kgs., works, basis Mo. content..lb. .95 - —
technical, kgs., works, basis Mo. content..lb. .80 - —
Monoamylamine, dms., c.l., works, basis 100%..lb. .61 - —
l.c.l., works, basis 100%, lb. .64 - —
Monochlorobenzene, dms., c.l., works..lb. .06¾- —
l.c.l., works.....lb. .07 - .09
Monoethanolamine,[6] dms., c.l., frt. alld. E..lb. .24 - —
l.c.l., same basis.....lb. .25 - —
tanks, same basis.....lb. .23 - —
Monoethylamine, dms., c.l., works, basis 100%..lb. .43 - —
l.c.l., works, basis 100%..lb. .46 - —
Monomethylamine, dms.....lb. .65 - —
Monomethylpara-aminophenol sulphate, dms..lb. 2.40 - 2.90
Monosodium phosphate (see Soda phosphate, monobasic).
Morphine, bots., 5 ozs.....oz.11.10 - —
cns., 25 ozs.....oz.10.90 - —
Acetate, bots., 5 ozs.....oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —
Hydrobromine, 5 ozs.....oz. 8.95 - —
cns., 25 ozs.....oz. 8.75 - —
Hydrochloride, bots., 5 ozs..oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —
Sulphate, bots., 5 ozs.....oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —
Morpholine, dms., l.c.l., works, lb. .67 - —
smaller containers, works...lb. .75 - —
Mullein leaves, cns.....lb. .12 - .13
Musk, nat., Tonquin, grains, bots., oz. No stocks
synth., ambrette, cns., 100 lbs. or more..lb. 4.00 - 9.10
25 lbs.....lb. 4.10 - 9.10
5 lbs.....lb. 4.25 - 9.45
ketone, cns., 100 lbs. or more, lb. 4.15 - 9.25
25 lbs.....lb. 4.25 - 9.35
5 lbs.....lb. 4.40 - 9.70
xylol, cns., 100 lbs. or more, lb. 1.40 - 2.00
25 lbs.....lb. 1.50 - 2.60
5 lbs.....lb. 1.65 - 2.90
Muskroot, bls.....lb. 2.25 - 2.80



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U. S. P.

Mustard seed, Calif., brown, bgs., lb. .16½- .17
yellow, bgs. lb. .14 - .14½
Montana, brown, bgs. lb. .0725- .0775
oriental, bgs. lb. .06½- .07
yellow, bgs. lb. .1450- .1500
Washington, yellow, bgs. lb. .14½- .15
Myrobalans,[6] J1, bgs. ton.*56.00 -57.00
crushed ton.*68.00 -70.00
J2, bgs. ton.*47.00 -49.00

* Marine insurance extra and for buyer's account.

N

Naphtha, painters (see Petroleum naphtha, V. M. & P.).
Solvent (see S).
Naphthalene,[2,6] crude, dom., 74°, bgs., c.l., frt. equald. lb. .03 - —
bbls., c.l., same basis. lb. .031 - —
tanks, same basis. lb. .0275- —
78°, bgs., c.l., same basis. lb. .0325- —
bbls., c.l., same basis. lb. .0335- —
tanks, same basis. lb. .03 - —
refined, balls, flakes, bbls., wholesalers and jobbers, works. lb. .08 - —
50-lb. cs., same basis. lb. .08¼- —
1-lb. pkgs., same basis. lb. .08¾- —
Neocinchophen, USP, dms. lb. 7.00 - 7.10
Nephelinesyenite, glass grade, 24 mesh, bulk, Rochester, N. Y. ton.12.00 - —
pottery grade, 200 mesh, bulk, Rochester, N. Y. ton.13.50 - —
Nephelinesyenite in bgs. is priced $2 per ton above the bulk quotations.
Neroline, cryst., cns. lb. 1.70 - 2.00
Niacin (see Acid, nicotinic).
Nickel,[6,8] carbonate, bbls. lb. .36 - .36½
Chloride,[6] bbls. lb. .18 - .20
Cyanide,[6] bots., dms. lb. No stocks
Oxide,[6,8] black, bbls. lb. .35 - .38
Salt,[6,8] bbls. lb. .13 - .13½
Nicotine sulphate, 40%, dms., 50 lbs. to dealers, frt. allowed over 96 lbs. lb. .8660- —
tins, 10 lbs. lb. 1.015 - —
Nicotinamide,[6] USP, dms. kilo.13.25 -13.35
Nikethamide, bots., cbys. lb.12.00 -17.00
Nitercake, bulk, works. ton.16.00 - —
Nitrobenzene, dbl. dist., dms., c.l., lb. .08 - —
l.c.l. lb. .09 - —
tanks lb. .07 - —
Nitrocellulose, alcohol-soluble, ¼, ½ sec., 30-35 cps., bbls., l.c.l., works, dry weight. lb. .28 - —
5-6, 40-60 cps., same basis, lb. .27 - —
ester-soluble, ¼, ½ sec., 30-35 cps., bbls., l.c.l., works, dry weight. lb. .26 - —
5-6, 15-20 cps. and higher, bbls., l.c.l., works, dry weight. lb. .25 - —

Nitrocellulose:—Denatured alcohol used in manufacture is charged extra. Barrels extra, but returnable.

Nitroethane, dms., l.c.l., wks. lb. .25 - —
Nitrogen solut.,[6] tanks. ton N.10 8.21 - —

Prices adjusted to ammonia sulphate basis from ports, and anhydrous ammonia basis, Hopewell, Va.

Nitrogenous process tankage,[1] bulk, works. unit-ton. 3.15 - 3.50
Sewage sludge,[1] bulk, works, unit-ton. 2.60 + .40 - -3.00 + .40
Nitromethane, dms., c.l., works, lb. .25 - —
Nitronaphthalene, bots. lb. .24 - .25
Nitropropane I, dms., works. lb. .25 - —
II, dms., works. lb. .25 - —
Nutgalls,[5] Aleppo, bgs. lb. No stocks
Chinese, bgs. lb. No stocks
Nutmegs,[1,7] West Indian, No. 1, futures. lb. .34¼- .34¾
Nux vomica, bls. lb. .06½- .09
powder, bbls., bxs. lb. .12 - .13

O

Oakbark extract,[1,6] 25% tannin, bbls., c.l., works. lb. No stocks
Octane,[1] 100°C-140°C, industrial, grade, dms., c.l., G.3. gal. .15½- —
l.c.l., G.3. gal. .29 - —
10 gals., G.3. gal. .55 - —
tanks, G.3. gal. .13 - —
Octanol, normal,[6] tech., 360-lb. dms., dlvd. lb. .35 - —
Oil, almond, artificial (see Benzaldehyde).
Bitter, F.P.C., bots. lb. 5.25 - 5.50
USP, bots. lb. No prices
Sweet, exp., dms., cns. lb. 1.25 - 1.65
Angelica root, bots. lb.125.00 -140.00
Seed, bots. lb. No stocks
Anilin (see A).
Anise, USP, cns. lb. No stocks
Apricot kernel, cns. lb. .45 - .55
Avocado, cns., dms. lb. 1.05 - 1.25
Babassu,[1,7] tanks. lb. .1110- —
Bay, W. I., 50-55%, cns. lb. 1.50 - 1.65
Puerto Rican, 55-60%, cns. lb. 1.55 - 1.75
Bergamot, artif., cns. lb. 2.25 - 4.25
natural, Brazilian, cns. lb.10.00 -10.25
Italian, cns. lb.10.50 -11.00
Birch (see Oil, sweet birch).
Birchtar, crude, cns. lb. No stocks
rectified, cns. lb. No stocks
Bois de rose, Brazil, cns. lb. No stocks
Mexican (see Oil, lignaloe wood).
Bone, dms., works. gal. .65 - .70
Cade, USP IX (see Juniper tar).
Cajeput, tech., dms. lb. 2.25 Nom.
redistilled, USP X, cns. lb. 2.40 Nom.
Calamus, cns. lb.22.50 -25.00
Camphor, sassafrassy, cns. lb. No stocks
white, cns. lb. No stocks
Cananga, native, cns. lb.12.00 -12.75
rectified, cns. lb.14.00 -15.00
Capsicum (see Capsicum, oleoresin).
Caraway, NF, cns. lb.15.75 -16.00
Cardamom, bots. lb.17.50 -18.00
Cassia, USP, cns. lb. No stocks
Castor,[1] blown, ret., dms., c.l., lb. .15¼- —
l.c.l. lb. .16 - —
cold pressed, USP, bbls., c.l., lb. .14 - —
l.c.l. lb. .14½- —
cns. lb. .15¾- .17¾
dms., c.l. lb. .13¾- —
l.c.l. lb. .14½- —
tanks lb. .13 - —
dehyd., bodied, dms., c.l. lb. .1790- —
l.c.l. lb. .1830- —
tanks lb. .1750- —
unbodied, dms., c.l. lb.16.90 - —
tanks lb. .1650- —
No. 3, tech., bbls., c.l. lb. .13¾- —
l.c.l. lb. .14¼- —
dms., c.l. lb. .13½- —
l.c.l. lb. .14¼- —
tanks lb. .12¾- —
sulphonated, 50% (48% fat), dms., c.l. lb. .09¾- .09¾
l.c.l. lb. .10¼- .11
75% (63% fat), dms., c.l. lb. .11¾- .12
l.c.l. lb. .12¾- .13
80% (68% fat), dms., c.l. lb. .12¼- .12½
l.c.l. lb. .13¼- .13½

Oil, cedarleaf,[1] USP, cns., dms. lb. 2.65 - —
Cedarwood, dms. lb. .90 - 1.25
Celery, bots. lb.16.50 -20.00
Chaulmoogra, USP, cns. lb. .70 - .75
Chinawood (see Oil, tung).
Cinnamon bark, bots. lb.32.00 -45.00
leaf, dms. lb. 1.50 - 1.85
Citronella, Ceylon, cs. lb. 1.00 - 1.05
Java, cns. lb. No stocks
Clove, USP, cns. lb. 1.65 - 1.80
Coconut,[4,7] crude, Ceylon, bulk, c.i.f. N. Y. lb. .0885- —
Cochin type, bulk, c.i.f. N. Y. lb. .0935- —
Manila, bulk, c.i.f. N. Y. lb. .0835- —
ret. dms. lb. .0885- .0985
edible, ex tax, dms. lb. .0985- —
Cod, Newfoundland, dms. gal. .85 - .88
tanks gal. .82 - .83
Codliver,[6] USP, bbls., dms. gal. .240 - 2.50
Coriander, bots. lb.23.50 -33.00
Corn,[1,7] crude, tanks, works. lb. .12¾- —
edible, dms., l.c.l. lb. .16¼- .16½
tanks lb. .1502- —
foots, acid 95%, tanks, dlvd. E. lb. .07¼- —
raw, 50%, tanks, dlvd. E. lb. .03½- —
Cottonseed,[1,3] cooking, l.c.l., ret. dms. lb. .16¼- —
crude, tanks, works. lb. .12½- .13⅛
foots, acid, 95%, tankcar, dlvd. E. lb. .07⅞- —
raw, 50%, tanks, dlvd. E., lb. .03¾- —
salad, l.c.l., ret. dms. lb. .16½- —
Creosote (see C).
Croton, NF, cns. lb. 4.00 - 4.25
Cubeb, cns. lb. No prices
Crude (see Petroleum, crude).
Cumin, bots. lb. No stocks
Cypress, bots. lb. 5.00 -12.00
Degras (see D).
Dillseed, bots. lb.10.00 Nom.
Dillweed, bots. lb. 4.75 - 5.00
Dip (see D).
Erigeron, cns. lb. 2.25 - 2.40

Oil, eucalyptus, cns. lb. 1.00 - 1.20
Fennel, sweet, cns. lb. 4.50 Nom.
Fir, Canada, cns. lb. 2.50 - 2.75
Fishliver,[1,6] dms., less than 40,000 A units per gram... per million units. .14 - —
for each 1,000 additional A units up to 200,000 per gram..per million units. .001 - —
200,000 or more A units... per million units. .30 - —
Fuel (see Petroleum, fuel oil).
Gaultheria (see Oil, wintergreen)
Geranium, Algerian, cns. lb. No prices
Bourbon, cns. lb.16.00 -16.50
Russian, cns. lb.16.50 -17.00
Turkish (see Oil, palmarosa).
Ginger, dist., bots. lb.18.50 -20.00
Grapefruit, cns. lb. 2.15 - 2.20
Guaiacwood, cns. lb. 3.75 - 4.00
Hemlock, cns. lb. 2.65 - 3.34
Herring,[1] crude, tanks, Pac. coast. lb. .089 - —
Juniper berries, dom., bots. lb.10.00 -15.00
Juniper tar, USP (see Juniper Tar).
Juniper wood, tech., cns. lb. .90 - 1.00
Lard,[1,7] com., No. 1, bbls., c.l., lb. .14 - —
extra, No. 1, bbls., c.l. lb. .14½- —
Winter strained, bbls., c.l., lb. .15 - —
prime, burning, bbls., c.l. lb. .16 - —
inedible, bbls., c.l. lb. .15½- —
Laurel, bots. lb. No prices
Lavandin, cns. lb. No stocks
Lavender flower, French, cns. lb. No prices
lb. No prices
Russian, cns. lb.11.00 -11.50
Spike, Spanish, pure, cns. lb. 3.50 - 4.00
tech., cns. lb. 2.75 - 3.00
Lemon, natural, USP, Calif., cns. lb. 3.25 - —
Messina,[1] cns. lb. 3.25 - —
Terpeneless, bots. lb.55.00 -60.00
Lemongrass, cns., dms. lb. 2.00 - 2.25

Oil, Lignaloe seed, Mexican, cns., lb. No stocks
wood, Mexican, cns. lb. 3.75 - 4.00
Brazilian (see Bois de Rose).
Lime, dist., Jamaica, cns. lb. 7.25 - 7.50
Mexican, cns. lb 7.00 - 7.50
expressed, Jamaica, cns. lb.12.50 -13.50
Linseed,[1,7] raw, dms., c.l. lb. .1550- —
l.c.l. lb. .1600- .1660
tanks lb. .1470- —
tankwagon lb. .1470 —
Boiled linseed oil, .004 higher than raw.
Linseed,[7] replacement, dms., c.l. lb. .1305- .1350
tanks lb. .1270- .1470
Lubricating,[1] at refinery, extax, California, neutral, pale, 200-800 vis., 2¼-4 pour, tanks. gal. .07¼- .11
red, 200-900 vis., 4-6½ pour, plus tanks. gal. .07¼- .11½
Group 3, bright stock, 150-160 vis., 0.25 pour, tanks. gal. .25 - —
neutral, 300 vis., No. 3, col., 0-10 pour, tanks. gal. .14½- .16
200-280 vis., No. 3, col., 15-25 pour, tanks. gal. .15 - .17½
Pa., bright stock, 140-150 vis., No. 8 color, 10-25 pour, tanks. gal. .24 - .30½
cylinder oils, 600-630 flash, tanks. gal. .16 - .17
600-650, steam refd, tanks. gal. .15 - .15½
neutral, 70° F., No. 3 color, 150 vis., 25 pour, tanks. gal. .27 - .31
200 vis., 25 pour, tanks gal. .28 - .33
Mace, dist., cns., dms. lb. 4.65 - 5.00
Mandarin, Brazilian, cns. lb. 8.75 - 9.00
Menhaden,[1,7] crude, tanks, Balto. lb. .0890- —

Available

PRODUCTS

Products which are available to the perfumer at reasonable prices.

A Partial List Comprises

Acetophenone
Alpha Amyl Cinnamic Aldehyde
Amyl Salicylate
Aubepine
Benzophenone
Benzyl Acetate
Bromelia
Calcium Vanillin
Cumarin
Cyclamal
Ethyl Phenyl Glycidate
Ethyl Methyl Phenyl Glycidate
Ethyl Vanillin
Floranol
Geranyl Acetate
Hydratropic Aldehyde
Indol
Ionone A.B.—Ionone Methyl
Ionone Ketone
Iso Butyl Furyl Propionate
Linalool
Linalyl Acetate
Methyl Acetophenone
Methyl Anthranilate
Methyl Naphthyl Ketone, Crystals, Liquid
Methyl Phenyl Acetate
Oil of Balsam Fir American
Oil of Cedar Leaf American USP
Oil of Pine Needles American
Para Cresyl Ethyl Ether
Para Cresyl Methyl Ether
Para Methyl Hydratropic Aldehyde
Phenyl Acet Aldehyde
Phenyl Acet Aldehyde Di Methyl Acetal
Phenyl Ethyl Acetate
Phenyl Ethyl Alcohol
Propiophenone
Styralyl Acetate
Styralyl Alcohol
Vanillin
Veratraldehyde
Yara Yara

Also Essential Oils and a large additional list of Aromatic Chemicals.

PRODUCT GL 4C—A non toxic wetting agent and detergent with excellent foaming qualities for Liquid Dentifrices, Soapless Shampoos, Brushless Shaving Creams, etc.

FLORANOL—A single chemical used in compounding Rose Odors. Blends with or replaces Phenyl Ethyl Alcohol.

ISO BUTYL FURYL PROPIONATE—A pleasing Pineapple-like Aroma. Valuable in Perfumes and Flavors.

Our Laboratories will work out special odors for your particular purpose.

Requests for samples on your firm's letterhead will be promptly answered.

Aromatics Division
GENERAL DRUG COMPANY
125 Barclay St., New York 7, N. Y.
9 S. CLINTON STREET, CHICAGO 6 1019 ELLIOTT STREET, W. WINDSOR, ONT.

Oil, menhaden, refined, alkali, dms., l.c.l..lb. .1400- —
kettle-bodied, dms., l.c.l..lb. .1500- —
light-pressed, dms., l.c.l..lb. .1300- —
tanks .....lb. .1225- —
Mineral, white (see Oil, white mineral).
Mustard, artif., USP, cns.....lb. No stocks
Seed,[7] exp., dms., extra, l.c.l., lb. .14¾- —
Neatsfoot,[1,7] 15°, bbls., c.l..gal. 1.90 - —
20°, bbls., c.l.....gal. 1.80 - —
30°, bbls., c.l.....gal. 1.60 - —
pure, bbls., c.l.....lb. .15½- .16
Neroli, bots.....lb. 200.00 -300.00
Nutmeg, dist., cns., dms.....lb. 4.65 - 5.00
Olticica, liquid, dms.....lb. .24 - —
Oleo,[2] extra, dms., Chicago..lb. .1304- —
prime, dms., Chicago.....lb. .1275- —
Olibanum, bots.....lb. 5.00 - —
Olive, denat., dms.....gal. No stocks
edible,[1] Calif., 3%-14% f.f.a., dms., extra, works..gal. 4.30 - 4.80
imported, dms.....gal. No stocks
foots, dms.....lb. No stocks
sulphonated, 50% (40% fat), dms., c.l..lb. No stocks
l.c.l.....lb. No stocks
80% (68% fat), dms., c.l..lb. No stocks
l.c.l.....lb. No stocks
85% (68% fat), dms., c.l..lb. No stocks
l.c.l.....lb. No stocks
Orange, sweet, dist., cs.....lb. 1.25 - —
expressed, USP, Brazilian, cns..lb. 1.40 - 1.45
Calif., cns.....lb. 1.75 - 2.00
Florida, cns., dms.....lb. 1.40 - 1.45
Messina, coppers.....lb. No stocks
West Indian, cns.....lb. 3.75 - 4.00
sequiterpeneless, bots.....lb. 100.00 -112.00
Origanum, Spanish, cs.....lb. 2.40 - 2.75
Palm,[1,8] Niger, dms.....lb. .0865- —
Palmarosa, cns.....lb. 5.50 - 5.75
Palmkernel,[1,7] crude, bulk, c.f.f. N. Y..lb. .0835 Nom.
Paraffin,[1] 300° flash, 100-110 vis., tanks, G.3..gal. .05⅝- .08½
320° flash, 60-70 vis., tanks, G.3..gal. .08 - —
350° flash, 70-80 @ 100 vis., 0/10 pour, G.3..gal. .06 - —
80-85 vis., 0/10 pour, bbls., extra, Ind. ref'y..gal. .09½- —
100-110 vig., 0/10 pour, same basis..gal. .08½- .15
10/25 pour, same basis..gal. .08¼- .09¾
Patchouli, cns.....lb. 20.00 Nom.
Peanut,[1,7] bleached, deod., tanks, dlvd. E..lb. .1501- —
crude, tanks, works.....lb. .12⅞- .13⅜
foots, acid, 95%, tanks, dlvd. E..lb .08 - —
raw, 50%, tanks, dlvd. E..lb. .04 - —
hydrogenated, tanks, dlvd. E., lb. .1573- .1578
Pennyroyal, dms., cns.....lb. No prices
import, cns.....lb. 3.65 - 3.70
Peppermint,[1,7] natural, dms.lb. 7.50 - —
redist., USP, dms.....lb. 8.05 - 8.22
Perilla, crude, dms.....lb. No stocks
Petitgrain, Paraguay, cns., dms., lb. 1.85 - 2.00
Pimento, berry, dms.....lb. 6.25 - 8.60
Leaf, cns.....lb. 4.25 - 4.50
Pine,[1,9] ret. dms., c.l., dlvd. E., gal. .63 - .63½
l.c.l., dlvd. E.....gal. .73 - —
tanks, works.....gal. .55 - —
Pineneedle, cns.....lb. 3.50 - 3.60
Putty,[2] bbls., E. Segundo, Richmont., Cal..gal. .22½- —
contracts .....gal. .19½- —
dms., c.l., Whiting, Ind..gal. *.34 - —
Boston, Providence....gal. .25 - —
l.c.l., same basis.....gal. .27 - —
tanks, same basis.....gal. .18 - —
Martinez, Cal.....gal. .28 - —

* Extra for bbls., but subject to quantity discounts, rang ng from 2c. to 5c. per gallon, according to amount purchased.

Rapeseed,[1,7] bulk, New Orleans, lb. .1156½- —
Red,[1,8] dist., ret. dms., dlvd. lb. .13¼- .14¼
tanks, dlvd.....lb. .12½- —
double dist., ret. dms., dlvd., lb. .15⅞- .16⅜
saponified, ret. dms., dlvd., lb. .15⅞- .16¼
Rose, natural, coppers.....oz. No stocks
Rosemary, Spanish, cns., dms., lb. 1.55 - 1.60
Rosin, 1st rectified, dms...gal. .66 - —
2nd rectified, dms.....gal. .68 - —
3rd rectified, dms.....gal. .72 - —
Rue, bots.....lb. 8.25 Nom.
Sage, Spanish, cns.....lb. 3.60 - 5.00
Sandalwood, NF, cns.....lb. 6.75 - —
Mysore, cns, case lots...lb. 7.00 - 7.25
Sardine, crude,[1,8] tanks, Pac. coast..lb. .089 - —
refined, alkali, dms., l.c.l..lb. .1400- —
kettle-bodied, dms., l.c.l..lb. .1500- —
light-pressed, dms., l.c.l..lb. .1300- —
tanks .....lb. .1225- —
Sassafras, artif., cns.....lb. .71 - 1.00
natural, cns., dms.....lb. 1.85 - 1.90
Savin, cns.....lb. No stocks
Savory, cns.....lb. 8.00 - —
Seal,[1] No. 1, tanks, Am. ports, lb. .089 - —
Sesame,[1,8] tanks.....lb. .1430- —
Shingle stain, bbls., c.l., works, gal. .2185- —
l.c.l., works.....gal. .23 - .29
tanks, works.....gal. .15 - .18
Snakeroot, Canada, cns.....lb. No stocks
Soybean,[1,7] clarified, dms....lb. .1296- .1335
tanks .....lb. .1256- —
crude, tanks, Decatur.....lb. 11.75 - —
deod., Winter, tanks.....lb. .1398- —
ret. dms.....lb. .1500- .1540
foots, acid, 95%, tanks, dlvd. E..lb. .07½- —
raw, 50%, tanks, dlvd. E.lb. .05½- —
refd., varnish, dms.....lb. .1380- .1400
tanks .....lb. .1340- .1347
Spearmint, dms.....lb. 4.00 Nom.
Sperm, bleached, 38°, dms....lb. .1443- —
natural, 45°, dms.....lb. .1310- —
Spruce,[1] cns., dms.....lb. 2.65 - 3.34
Sunflower,[6] imp., ref., tanks..lb. .1438- —
semi-refined, tanks.....lb. .1430- —
Sweet birch, North, cns.....lb. 4.00 - 6.00
South, cns.....lb. 2.50 - 3.75
Tall, crude, dms., c.l., works, ton. 58.65 -65.00
l.c.l., works.....ton. 58.65 -63.65
tanks, works.....ton. 40.00 -45.00
refined, dms., c.l., works..lb. .05 - .05¼
l.c.l., works.....lb. .05½- —
tanks, works.....lb. .04½- —
Tallow,[4,6] acidless, bbls.....lb. .14¼- —
tanks .....lb. .13⅜- —
Tansy, cns.....lb. No prices
Tar,[1] pine, crude, dms., c.l., dlvd. E. cities..gal. .32⅜- —
l.c.l., works.....gal. .29⅜- —
tanks, dlvd. E. cities..gal. .27 - —
rectified, USP, bbls.....gal. .60½- —
Tar acid (see T).
Thyme, NF, red, cns.....lb. 2.35 - 2.50
white, cns.....lb. 2.65 - 4.00
Tung,[1] dms., c.l.....lb. .39 - .39½
l.c.l. .....lb. .40 - .41
tanks .....lb. .38⅜- —
Oil, turkey red (see Oil, castor, sulphonated).
Turpentine, rectified, USP, cns., dms..lb. .25 - —
Vetiver, Bourbon, bots.....lb. 30.00 -32.00
Whale,[4] ref., natural, dms...lb. .1187 Nom.
winter bleached, dms....lb. .1232 Nom.
Wheat germ, dms.....gal. 10.00 -13.50
White mineral, tech., 50-65 vis., dms., c.l..gal. .31 - —
l.c.l. .....gal. .34 - .38
65-75 vis., dms., c.l....gal. .32 - —
l.c.l. .....gal. .35 - .39
USP, 80/90 vis., dms., extra, c.l..gal. .34 - —
l.c.l. .....gal. .37 - .41
95/105 vis., dms., c.l....gal. .36 - —
l.c.l. .....gal. .39 - .43
125/135 vis., dms., c.l....gal. .40 - —
l.c.l. .....gal. .43 - .47
145/155 vis., dms., c.l....gal. .42 - —
l.c.l. .....gal. .45 - .49
175/185 vis., dms., c.l....gal. .44 - —
l.c.l. .....gal. .47 - .51
200/210 vis., dms., c.l....gal. .47 - —
l.c.l. .....gal. .50 - .54
320/330 vis., dms., c.l...gal. .51 - —
l.c.l. .....gal. .54 - .58
332/345 vis., dms., c.l...gal. .51 - —
l.c.l. .....gal. .54 - .58
55, 70 and 85 vis., ret. dms., 65 dms., San Francisco.. gal. .40 - —
smaller lots, same basis, gal. .42 - .45
100 vis., 65 dms., San Francisco..gal. .49½- —
smaller lots, same basis, gal. .51½- .54½
145 vis., 65 dms., San Francisco..gal. .57 - —
smaller lots, same basis, gal. .59 - .62
180 vis., 65 dms., San Francisco..gal. .60½- —
smaller lots, same basis, gal. .62½- .65½
340 vis., 65 dms., San Francisco..gal. .72 - —
smaller lots, same basis, gal. .74 - .77
Wintergreen, natural, North, cns..lb. 6.50 - 8.50
South, cns.....lb. 4.00 - 4.25
synthetic (see Methyl salicylate).
Wood (see Oil, tung).
Wormseed,[1] cns.....lb. 5.00 - 5.15
Wormwood, cns.....lb. 4.85 - 5.50
Ylang-ylang, Bourbon, bots..lb. 10.00 -10.50
Oleostearin,[2] dms., Chicago....lb. .1061- —
Olivine, aggregate, c.l., mines, ton. 7.00 - 9.50
crushed, 8 mesh, bulk, c.l., works, ton. 8.00 - —
paper bgs., c.l., works..ton. 9.50 - —
lumps, paper bags, c.l., works, ton. 7.00 - —
spalls, paper bgs., c.l., works, ton. 5.00 - —
Opium gum, USP, cns., 50-lb. lots, lb. 13.00 - —
25-lb. lots.....lb. 13.25 - —
smaller lots.....lb. 13.50 -13.65

Prices on powd. and gran. USP opium are $1.50 per pound higher.

Orange, cadmium setenide, bbls., 100-lb. lots, works..lb. 1.50 - —
Dinitroaniiin, toner[1].....lb. 1.05 - —
Molybdate,[1,6] bbls.....lb. .41 - —
Orthonitroanilin toner,[1] bbls., kgs., works..lb. .80 - 1.05
Persian,[1] bbls.....lb. .30 - .45
Orange mineral, Amer., bbls., 5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash..lb. .12¼- —
Ariz., Idaho, Nev., Utah, and E. of Cascade Mts. in Ore. and Colo., Mont., N. M., Wyo. lb. .12½- —
other points.....lb. .12 - —
smaller lots, Ala., etc...lb. .12⅝- —
Ariz., etc.....lb. .13¼- —
Colo., Mont., N. M., Wyo..lb. .13 - —
other points.....lb. .13½- —
Orange peel, bitter, Haitian, bgs., lb. .09¼- .10
sweet, bls.....lb. .16 - .20
Oregano, Mexican, curly leaf, bgs..lb. .08¼- .09
flat leaf, bgs.....lb. .08¼- .09¾
Orris root, African, bls.....lb. .85 - —
powd., bbls., bxs.....lb. .90 - .95
Portuguese, bls.....lb. .65 - .70
Verona, bls.....lb. No stocks
Orthoamyiphenol, dms., works..lb. .25 - —
Orthoanisidin, bbls.....lb. .70 - —
Orthochlorosaniiin, dms.....lb. .60 - .70
Orthochlorophenol, dms.....lb. .25 - .27
Orthocresol,[2,6] 30.4° C. min., M.P., dms., c.l., works..lb. .17½- .18
l.c.l., works.....lb. .18 - .18½
29.0° C. min., M.P., dms., c.l., works..lb. .16½- .17
l.c.l., works.....lb. .17 - .17½
O-thodichlorobenzene, dms., c.l., works, frt. alld. E. of Rockies, lb. .07 - —
l.c.l., same basis.....lb. .08 - —
tanks, same basis.....lb. .06½- —

Orthodichlorobenzene prices W. of Rockies 1c. per lb. higher.

Orthonitroaniiin, dms.....lb. .43 - .55
Orthonitrochlorobenzene, dms..lb. .15 - .18
Orthonitroparachlorophenol, cns., lb. .75 - —
Orthonitrotoluene, dms.....lb. .09 - —
Orthophenetidin dms.....lb. .82 - —
Orthotoluidin, dms.....lb. .19 - —
Osage orange crystals, bbls....lb. .23 - —
Extract, No. 1, bbls.....lb. .11 - —
No. 2, bbls.....lb. .10 - —
Oxyquinolin sulphate, cns., 100 lbs., works..lb. 3.50 - —
smaller lots, works.....lb. 3.75 - 4.15

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Papain, powd., cs.....lb. 2.75 - 3.00
Papaverine, natural or synthetic, hydrochloride, NF, cns., 100-oz. lots..oz. 7.00 - —
smaller lots.....oz. 7.05 - 7.35
Sulphate, cns.....oz. 7.10 - 7.35
Paprika,[1] Calif., sweet Caliente, bgs..lb. .36 - .56¼
Chilean, bgs.....lb. .27½- .36½
Portuguese, bgs.....lb. .37 - .42
Spanish, bgs.....lb. .48 - .51
Para-anisidin, dms., works.....lb. .75 - —
Parachlorophenol, dms., wks..lb. .26½- .28
Paracresol,[6] bbls., works.....lb. .41 - —
Paracymene, dms., c.l., works..lb. .1595- —
l.c.l., same basis.....lb. .1645- —
tanks, same basis.....lb. .1545- —
Paradichlorobenzene,[4] dms., c.l., works..lb. .11 - .12
l.c.l., same basis.....lb. .12¼- .15
Paraffin,[1] crude scale, white or yellow, 124-126 ASTM, bbls., c.l., refinery..lb. .04¼- —
fully ref'd, slabs, loose, 117-119 ASTM, c.l., refinery..lb. .05 - —
120-122 ASTM, refinery..lb. .0620- —
122-124 ASTM, refinery..lb. .0630- —
125-127 ASTM, refinery..lb. .0560- —
127-129 ASTM, refinery..lb. .0585- —
128-130 ASTM, refinery..lb. .0565- —
130-132 ASTM, refinery..lb. .0615- —
132-134 ASTM, refinery..lb. .0640- —
135-137 ASTM, refinery..lb. .0715- —
140-142 ASTM, refinery..lb. .0810- —
146-148 ASTM, refinery..lb. .1050- —
Prices in bags 4/10c. per lb. higher
Paraformaldehyde,[2,5] dms., 1,000 lbs. or more, works..lb. .21 - —
smaller lots, works.....lb. .22 - —
Paraldehyde, tech., 98%, 55 and 110-gal. dms., l.c.l., wks..lb. .12 - —
10-gal. dms., works.....lb. .15 - —
USP, cbys., cns.....lb. .35 - .45
Paranitroanilin, kgs., works..lb. .43 - .45
Paranitrochlorobenzene, kgs., wks. lb. .15 - —
Paranitrophenol, kgs.....lb. .35 - —
Paranitrotoluene, kgs., works..lb. .30 - —
Paraphenylenediamine, tech., kgs. lb. 2.00 - —
Paratoluenesulphonamide, bbls.lb. .70 - —
Paratoluidin, bbls., works.....lb. .48 - —
Paris green,[1] dealer, distributor, dms., kgs., c.l., works, frt. alld..lb. .20 - .27
l.c.l., same basis.....lb. .22 - .28
Passion flower herb, bls.....lb. .16 - .20
Patchouli leaves, bls..... lb. .34 - .35
Pectin, bbls.....lb. .85 - —
Penicillin, ampules, per 100,000 units. .70 - .95
Pennyroyal leaves, bls.....lb. .16 - .18
Pentachlorophenol, dms., works, lb. .20 - .25
Pentaerythritol,[6] CP, bbls., dlvd. lb. .75 - —
smaller containers.....lb. 1.00 - —
tech., bbls., c.l.....lb. .29 - —
l.c.l. .....lb. .33 - —
Pentane, 28°-38° C, industrial grade, dms., c.l., Group 3.. gal. .11 - —
l.c.l., dms., Group 3.. gal. .19 - —
tanks, Group 3.....gal. .07¼- .07½
laboratory grade, 10-gal. cns., dlvd. E..gal. .55 - —
dms., c.l., Group 3....gal. .16 - —
l.c.l., Group 3.....gal. .29 - —
Pepper, black,[1,7] 15 tons, bgs..lb. .10 - —
50 to 100 bgs.....lb. .1050- —
4 to 24 bgs.....lb. .1100- —
red, capsicum, Carolina, longs, new crop, bgs..lb. .32½ Nom.
sports, old crop, bgs.....lb. .46 Nom.
Louisiana, sports, bgs.....lb. No stocks
longs, old crop, bgs.....lb. No stocks
Chillies, bgs.....lb. .22½- .25
White,[1,7] bgs., 15 tons.....lb. .1161 Nom.
24 bgs.....lb. .1295 Nom.
Peppermint, dom., USP, bls....lb. .70 - .75
import, bls.....lb. .90 Nom.
Perchloroethylene,[6] dms., c.l., Zone 1, works, frt. alld..lb. .0782- .0800
Zone 2, same basis.....lb. .0832- .0850
Zone 3, same basis.....lb. .0882- .0900
Zone 4, same basis.....lb. .0876- .0900
l.c.l., Zone 1, same basis....lb. .0832- .0850
Zone 2, same basis.....lb. .0882- .0900
Zone 3, same basis.....lb. .0932- .0950
Zone 4, same basis.....lb. .0926- .0950

Perchloroethylene zones are:—(1) Conn., Del., Ill., Ind., Ia., Ky., Me., Md., Mass., Mich., Minn., Mo., Neb. (Omaha), Kans. (Kansas City), N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., W. Va., Wis.; (2) Ala., Ark., Fla., Ga., Kansas, La., Miss., Neb., N. D., Okla., S. C., S. D.; (3) Col., Mont., (E) N. M., Tex., Wyo.; (4) Ariz., Cal., Idaho, Mont. (W), Nev., Ore., Utah, Wash.

Peru balsam, dms.....lb. 1.10 - 1.15
Petrolatum, tech., dark, bbls., Group 3, c.l..lb. .021 - —
golden Topaz, bbls., c.l.....lb. .032 - —
l.c.l. .....lb. .036 - —
red, veterinarian, bbls. c.l..lb. .024 - —
l.c.l. .....lb. .028 - —
USP, amber, dms., c.l.....lb. .03¼ —
l.c.l. .....lb. .04½- —
extra amber, dms., c.l.....lb. .03½- —
l.c.l. .....lb. .04½- —
cream, c.l., dms.....lb. .04⅝- —
l.c.l. .....lb. .06¼- —
yellow, soft, dms., c.l.....lb. .03¼- —
l.c.l. .....lb. .04¼- —
white, lily, dms., c.l.....lb. .05¼- —
l.c.l. .....lb. .07 - —
snow, dms., c.l.....lb. .06½- —
l.c.l. .....lb. .07¾- —
soft, dms., c.l.....lb. .05½- —
l.c.l. .....lb. .06¼- —
Petroleum, crude, bulk, at wells, California, heavy grades, bbl. .93 - 1.01
Illinois .....bbl. 1.37 - —
Kentucky, Union County, bbl. 1.32 - 1.37
Louisiana-Arkansas...bbl. .86 - 1.20
Oklahoma-Kansas ....bbl. .85 - 1.25
Pennsylvania .....bbl. 1.31 - 3.00
Texas, Gulf coast.....bbl. 1.06 - 1.86
North, North-Central.. bbl. 1.01 - 1.25
Panhandle .....bbl. 1.10 - 1.22
West .....bbl. .70 - 1.72
Wyoming .....bbl. 1.12 - —
Ether, laboratory grade, 30°-60° C, 10-gal. cns., dlvd., E..gal. .55 - —
dms., c.l., Group 3...gal. .16 - —
l.c.l., Group 3.....gal. .29 - —
35°-60° C, 10-gal., cns., dlvd., E..gal. .55 - —
dms., c.l., Group 3..gal. .16 - —
l.c.l., Group 3.....gal. .29 - —
40°-75° C, 10-gal., cns., dlvd., E..gal. .55 - —
dms., c.l., Group 3..gal. .16 - —
l.c.l., Group 3.....gal. .29 - —
Fuel oil, furnace, tanks, at refinery, Arkansas, No. 1, gal. .04 - —
Nos. 2 and 3.....gal. .03½- —
California, heavy....bbl. 1.10 - —
light .....bbl. 1.20 - —
diesel .....gal. .04 - —
stove dist.....gal. .05 - —
Group 3, No. 3.....gal. .06½- —
No. 5.....bbl. .85 - —
No. 6.....bbl. .80 - .85
Kansas, No. 3.....bbl. .85 - .90
Oklahoma, No. 2....gal. .03⅝- —
No. 6.....bbl. .90 - —
14-16 .....bbl. .97 - —
Pennsylvania, No. 1.gal. .07 - .07⅝
No. 2.....gal. .07 - .0805
No. 3.....gal. .06¾- .07⅝
36-40 gravity.....gal. .07 - .07⅝
bunker C, tanks, Albany, N.Y. bbl. 1.97 - —
Baltimore, Md.....bbl. 1.77 - —
Boston, Mass.....bbl. 1.77 - —
Charleston, S. C.....bbl. 1.72 - —
Jacksonville, Fla.....bbl. 1.72 - —
New Haven, Conn.....bbl. 1.77 - —
New York, N. Y.....bbl. 1.77 - —
Norfolk, Va.....bbl. 1.77 - —
Petroleum, fuel oil, bunker C, tanks, Philadelphia, Pa..bbl. 1.77 - —
Portland, Me.....bbl. 1.77 - —
Port Tampa, Fla.....bbl 1.62 - —
Providence, R. I.....bbl. 1.77 - —
Savannah, Ga.....bbl. 1.72 - —
Wilmington, N. C.....bbl. 1.72 - —
Lacquer diluent, California, 100 l.b.n., 200 e.p., tanks, dlvd. Los Angeles..gal. .11 - —
Fort Wells, Wash.
San Francisco.
Willbridge, Ore.
East coast, N.J., N.Y., tanks, refinery..gal. .11½- —
Group 3, benzol type, tanks, gal. .07⅞- —
toluol type, tanks.....gal. .07⅝- —
Mineral spirits, California, San Francisco, 163-252 b.r., tanks, gal. .10¼- —
198-200 b.r., tanks...gal. .10¼- —
246-397 b.r., tanks...gal. .10¼- —
312-408 b.r., tanks...gal. .09 - —
362-458 b.r., tanks...gal. .09 - —
East coast, N. J., N. Y., tanks, refinery..gal. .10 - —
Group 3, tanks, refinery.gal. .06¼- —
tankwagon, Baltimore.....gal. .135 - —
Boston .....gal. .12 - —
Bridgeport, Conn.....gal. .1430- —
Buffalo .....gal. .1240- —
Camden, N. J.....gal. .11 - —
Chicago .....gal. .1150- —
Detroit .....gal. .1380- —
Hartford .....gal. .1430- —
Kansas City, Mo.....gal. .1280- —
Lancaster, Pa.....gal. .12 - —
Milwaukee .....gal. .1240- —
Minneapolis .....gal. .1220- —
Newark .....gal. .11 - —
New York.....gal. .11 - —
Philadelphia .....gal. .11 - —
Pittsburgh .....gal. .125 - —
Providence .....gal. .13 - —
Rochester .....gal. .1320- —
St. Louis.....gal. .1370- —
Syracuse .....gal. .14 - —
Washington, D. C.....gal. .135 - —
Wilmington, Del.....gal. .11 - —
Naphtha, cleaners, California, tanks, San Francisco.gal. .12 - —
East coast, N. J., N. Y., tanks, refinery..gal. .11 - —
Group 3, tanks, refinery, gal. .07¼- —
tankwagon, Newark.....gal. .12 - —
Bridgeport .....gal. .1730- —
Chicago .....gal. .1380- —
Detroit .....gal. .15 - —
Milwaukee .....gal. .1440- —
Minneapolis .....gal. .1420- —
New York.....gal. .12 - —
Philadelphia .....gal. .125 - —
St. Louis.....gal. .1470- —
high-solvency, No. 1, over 76% arom., tanks, Bayway, N. J., gal. .21½- —
No. 2, tanks, over 90% arom., same basis..gal. .21½- —
No. 3, tanks, same basis.gal. .22½- —
No. 8, tanks, same basis.gal. .228 - —
No. 30, tanks, Kingsland, N. J., frt. alld..gal. .223 - —
No. 40, tanks, Wilmington, Cal..gal. .13½- —
V.M.&P., at refinery, California, 46.5 254 l.b.p., 380 e.p., tanks El Segundo .....gal. .11 - —
Richmond .....gal. .11½- —
Willbridge, Ore., Pt. Wells, Wash..gal. .12 - —
54-77, 190 l.b.p., 310 e.p., Los Angeles.....gal. .10 - —
San Francisco....gal. .10½- —
Portland, Seattle..gal. .11 - —
Group 3, tanks.....lb. .07½- —
Gulf Coast (dlvd. New Orleans), tanks..gal. .06½- —
tankwagon, Boston.....gal. .13 - —
Chicago .....gal. .1380- —
Detroit .....gal. .15 - —
Milwaukee .....gal. .1540- —
Minneapolis .....gal. .1520- —
Newark (200 gals.)....gal. .125 - —
New York.....gal. .12 - —
Philadelphia .....gal. .125 - —
Pittsburgh .....gal. .12½- —
St. Louis.....gal. .1470- —
Solvent, rubber, at refinery, California, San Francisco..gal. .25½- —
East Coast, N. J., N.Y., tanks..gal. .11 - —
Group 3, tanks.....gal. .07¼- .07½
Stoddard (CS 8-33), at refinery:—
California (f.o.b. San Francisco), tanks..gal. .11 - —
East Coast, N. J., N. Y., tanks..gal. .10 - —
Group 3, tanks.....gal. .06¾- —
Pennsylvania, western, tanks..gal. .07¼- .07½
tankwagon, Baltimore...gal. .13 - —
Boston .....gal. .12 - —
Chicago .....gal. .13½- —
Detroit .....gal. .1580- —
Milwaukee .....gal. .1440- —
Minneapolis .....gal. .1420- —
Newark .....gal. .11 - —
New York .....gal. .11 - —
Philadelphia .....gal. .11 - —
Pittsburgh .....gal. .12½- —
St. Louis.....gal. .1370- —
Syracuse .....gal. .14 - —
Sulphonates,[6] 63% sulphonic content, ret. dms., c.l., works, lb. .09¾- —
l.c.l., works.....lb. .09¾- .10¾
tanks, works.....lb. .09¼- —
50% sulphonic content, ret. dms., c.l., works..lb. .09¾- —
l.c.l., works.....lb. .07¾- .10¾
tanks, works.....lb. .09¼- —
Xylol solvent. See Xylol petroleum solvent.
Phenobarbital, cns.....lb. 3.60 - 3.70
dms., 100 lbs.....lb. 3.50 - —
Phenol,[1,6] 90-92% (cresol, 8-10%), dms., c.l., works, frt. equald., lb. .10 - —
l.c.l., same basis.....lb. .10¾- —
tanks, same basis.....lb. .09 - —
82-84% (cresol, 16-18%), dms., c.l., same basis..lb. .09¾- .10¼
l.c.l., same basis.....lb. .10¼- .10¾
tanks, same basis.....lb. .08¾- .09¼
USP, dms., c.l., same basis..lb. .10½- —
l.c.l., same basis.....lb. .11¼- —
tanks, same basis.....lb. .09¼- —
Phenolphthalein, USP, bbls., dms., 2,000 lbs..lb. .85 - —
smaller lots.....lb. .87 - .92
Yellow, fib. dms., 2,000 lbs..lb. .80 - —
smaller lots.....lb. .82 - .87
Phenothiazin, NF, fib. dms., 2,000 lbs..lb. .49 - —
smaller lots.....lb. .54 - —
Phenylacetaldehyde, solut., 50%, bots..lb. 2.45 - 3.00
100%, bots.....lb. 4.40 - 5.00
Phenylethyl acetate, dms.....lb. 4.00 - 4.25
Phenylethylphenyl acetate, bots., lb. 5.50 - 7.90
Phenylhydrazin, base, CP, bots.lb. 4.55 - —
Hydrochloride, CP, bots., works, lb. 7.10 - —
commercial, kgs., works...lb. 1.75 - —
Phloroglucinol, CP, fib. dms...lb. 13.75 -14.75
tech., fib. dms.....lb. 12.00 -12.50
Phosgene, ton lots, works.....lb. .19 - —

Celanese* Chemicals

In giving transfusions of blood plasma it is vitally important that the dispensing needle be free of contamination. To assure this, the instruments are sterilized *after* packaging. The material of the container is treated with a nitrocellulose heat-sealing coating plasticized with Celluflex* 179† which withstands sterilizing temperatures and acts as a sealer until the needle is removed for use.

†Celluflex 179: petroleum base organic phosphate plasticizer.

Research that typifies the progress of Synthetics

THE LARGE-SCALE adaptation of laboratory synthesis to practical, highly specialized applications has greatly expanded industry's chemical horizons.

In hundreds of ways chemical engineers have gained freedom from limitations once imposed by cost or scarcity of chemical source materials.

In this progress, Celanese research—its background, its accomplishments, its basic viewpoint—has been an active factor. True to the nature of synthetics, Celanese research has created from low-cost, widely available bases, compounds exactly suited to the complex needs of many advanced processes.

Custom-built to users' specifications—and that is the way Celanese chemists prefer to work—these precision materials achieve difficult objectives and without burdensome compromises.

For instance, in supplying desirable operating qualities in plasticizers, lubricant additives, hydraulic fluids and emulsions—such as improvements in miscibility, viscosity, specific gravity, solubility, stability—Celanese research satisfies parallel needs such as reduction of flammability, corrosion, oxidation.

Insulation for modern electrical cables provides a case in point. Celanese plasticizers not only contribute added qualities of toughness and flexibility, but higher dielectric strength and greater resistance to oxidation as well.

This appreciation of interrelated factors in chemical problems, and this faith in the infinite potentials of synthetics, are shared by the entire Celanese chemical staff. Inquiries in terms of customer's specific objectives are particularly welcomed. Celanese Chemical Corporation, a division of Celanese Corporation of America, 180 Madison Ave., New York 16.

PLASTICIZERS

ORGANIC PHOSPHATES

LUBRICANT ADDITIVES

INTERMEDIATES

DYE-STUFFS

*Reg. U. S. Pat. Off.

CELANESE CORPORATION OF AMERICA • TEXTILES • PLASTICS • CHEMICALS

Phosphate, defluorinated (see under D).
77%-76% b.p.l., same basis..long ton. 5.20 - —
70%-68% b.p.l., same basis..long ton. 2.60 - —
72%-70% b.p.l., same basis..long ton. 3.20 - —
75%-74% b.p.l., same basis..long ton. 4.20 - —
Phosphate rock, Fla., land pebble, ungrd., run-of-mine, washed, dried, 77%-76% b.p.l., same basis..long ton. 5.20 - —
entirely pebble 50c. per ton higher than above prices.
finely ground, 65.5% b.p.l., 30% P_2O_5 minimum..... short ton. 2.90 - —
68%, basis 31% P_2O_5 minimum..short ton. 3.10 - —
70%, basis 32% P_2O_5 minimum..short ton. 3.45 - —
Tenn., brown, unground, run-of-mine, 70%-68% b.p.l., 5% i. & a., b.p.l., same basis..long ton. 5.10 - —
72%-70% b.p.l., 5½% i. & a., same basis..long ton. 5.60 - —
refinery ground, 29% P_2O_5, same basis..long ton. 4.75 - —
30%, P_2O_5, same basis.... long ton. 4.95 - —
31%, P_2O_5, same basis.... short ton. 5.05 - —
32%, P_2O_5, same basis.... short ton. 5.30 - —
33%, P_2O_5, same basis.... short ton. 5.80 - —

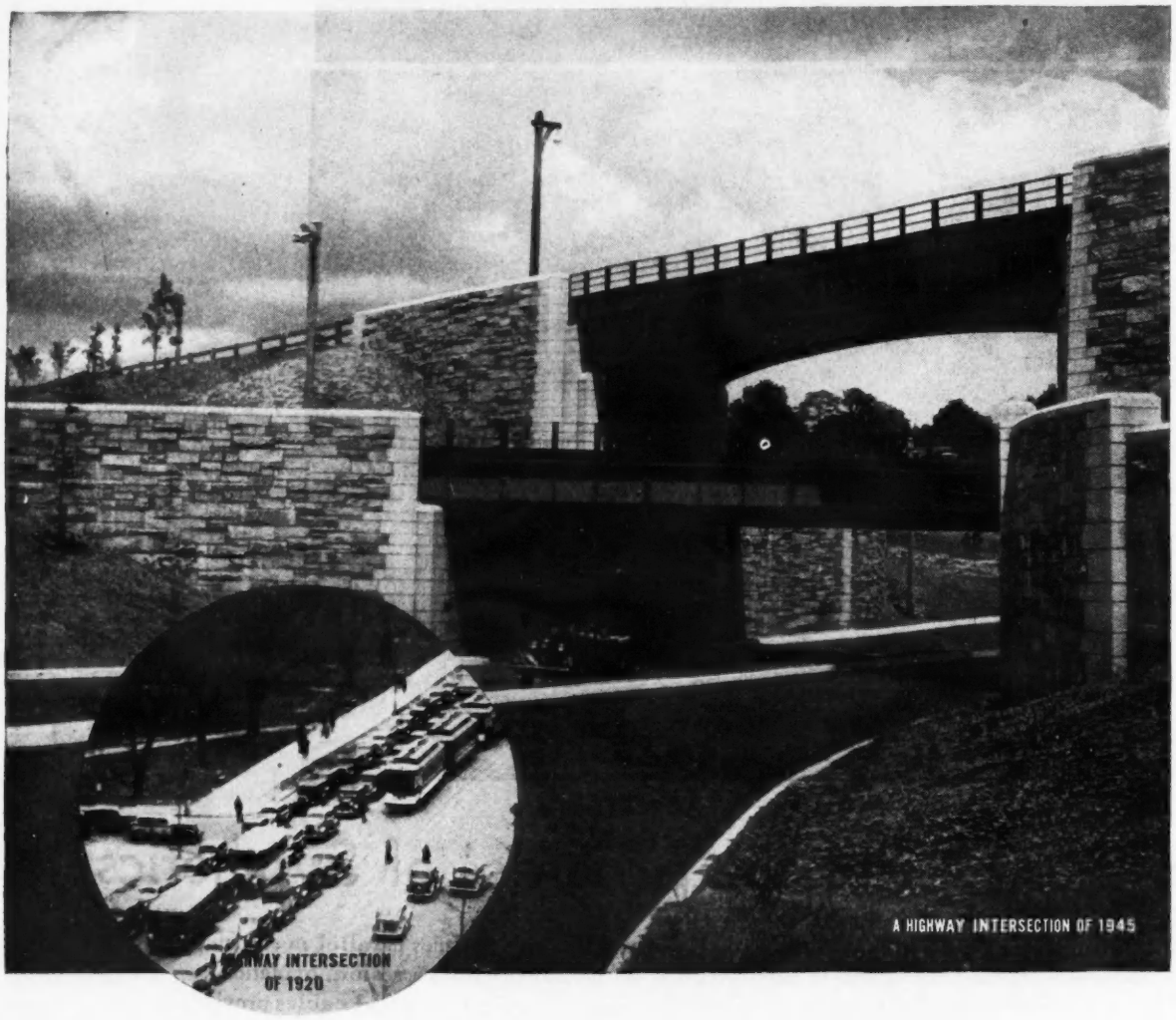
Phosphorus,[6] red, amorphous, cs., lb. .40 - .44
tins, export.....lb. .55 - —
yellow,[6] cns.....lb. .23 - .25
dms.....lb. .25 - —
Oxychloride,[6] cyls.....lb. .15 - .18
Pentoxide,[6] dms., c.l., wks..lb. .11 - .12
l.c.l., works.....lb. .13 - .14
Sesquisulphide,[6] cs.....lb. .38 - .42
Trichloride,[6] cyls.....lb. .15 - .16
Phthalamide, bbls., works.....lb. .35 - .40
kgs., works.....lb. .45 - .50
Phthalic anhydride,[4] bgs., bbls., c.l., works, frt. alld. E. of Denver..lb. .13 - —
l.c.l., same basis.....lb. .14 - —
Pichi leavus, bgs.....lb. .07 - .08
Picoline (see Alphapicoline and Betapicoline).
Picrotoxin, bots.....oz. 8.00 - —
Pilocarpine hydrochloride, USP, bots., vls..oz. 3.75 - 5.10
Nitrate, bots., vls.....oz. 3.65 - 5.00
Pimento,[1] Jamaica, bgs.....lb. .22 - .22½
Pinetar, retort, dms. incl., c.l., works..gal. .31 - —
l.c.l., works, dms. incl..gal. .32½ - —
tanks, dlvd. E.....gal. .27 - —
Pinkroot, bls.....lb. 1.85 - 1.90
Piperazine hexahydrate, bots..lb. 16.00 - —
Pitch, burgundy (see B).
Coaltar,[3] 160° m.p., bbls., c.l., works..ton. 19.00 - —
l.c.l., works.....ton. 22.00 - —
Cottonseed, dms., works.....lb. .04 - .06
Hardwood, paper bgs., works..lb. .03½ - —
Linseed, dms.....lb. .05 - .05½
Petroleum (see Asphaltum, Mexican, Texas).
Pine, dms.....100 lbs. 3.25 - —
stands, 200 lbs.....stand. 6.00 - —
Soybean, dms., works.....lb. .04 - .06
Plaster of paris (see Gypsum).

Podophyllin .....dms. 8.75 - 9.00
Pokeroot, bls.....lb. .11 - .12
Polystyrene, plain colors, dms., 30,000 lbs., works, frt. alld. lb. .32 - —
20,000 lbs., frt. alld.....lb. .33 - —
smaller lots, frt. alld.....lb. .34 - .36
Water-clear, polystyrene, 7c. per lb. less than plain colors.
Pomegranate, root bark, bgs...lb. .80 - .85
Poppy flowers, bls.....lb. .60 - .70
Seed, Canadian, bgs.....lb. No stocks
domestic, blue, bgs.....lb. No stocks
Dutch, bgs.....lb. No stocks
Indian, white, bgs.....lb. No stocks
Turkish, bgs.....lb. No stocks
Potash abietate.....lb. .08 - —
Acetate, USP, bbls., dms....lb. .28 - .30
cns. .....lb. .31 - .33
Arsenite,[4] USP, solut., cbys., djns..lb. .13 - .15
Bicarbonate, USP, cryst., gran., bbls., dms..lb. .19 - .21
Bichromate,[1,6] bgs., c.l., works. lb. .10 - —
l.c.l., works.. .....lb. .10½ - .10¾
Potash bichromate in bbls. ¼c. higher.
Bromide, USP, gran., 500-lb. bbls., dms..lb. .25 - —
100-lb. kgs.....lb. .26 - —
Carbonate,[4] cal., bbls., c.l., works..lb. .06½ - —
l.c.l., same basis.....lb. .06¾ - —
hydrated,[4] 83-85%, bbls., c.l., works..lb. .05½ - —
dms., l.c.l., same basis..lb. .05¾ - —
USP, gran., bbls., dms....lb. .14 - .20
powd., bbls., dms.....lb. .19 - .21
Caustic, low-chloride, 90% basis, flake, dms., c.l., works.. 100 lbs. 9.31 - —
l.c.l., works....100 lbs. 9.68½ - —

Potash caustic, low-chloride, 90% basis, liquid, dms., c.l., works..100 lbs. 8.56 - —
l.c.l., works.....100 lbs. 8.68½ - —
tanks, works.....100 lbs. 8.06 - —
solid, dms., c.l., works.. 100 lbs. 8.56 - —
l.c.l., works.....100 lbs. 8.93½ - —
regular, flake, 88-92%, dms., c.l., works..lb. .07 - —
l.c.l., works.....lb. .07¼ - .07½
liquid, 45% basis, dms., c.l., works, frt. allo..lb. .03½ - —
l.c.l., same basis.....lb. .03¾ - .03½
tanks, same basis.....lb. .02¾ - —
solid, 88-92%, dms., c.l., works..lb. .06¼ - —
l.c.l. .....lb. .06½ - .06¾
Chromate,[6] bgs.....lb. .24 - .28
Chlorate[6] cryst., kgs., c.l., wks. lb. .11 - .11¾
l.c.l., works.....lb. .119 - .13
powd., dms., kgs., c.l., works. lb. .09¾ - .11¾
l.c.l., works.....lb. .119 - .13
export. 1 to 10 tons, kgs., ex whse..lb. .16 - .18
Chloride, tech., cryst., 88%, bgs., kgs..lb. 06 Nom.
Citrate, USP, gran., bbls., dms., lb. .33½ - .38¼
powd., 3c. per lb. higher.
Cyanide,[6] dms., works.....lb. .55 - —
Fluoride, bbls.....lb. .34 - .40
Glycerophosphate, 75% sol., cns., cbys..lb. 1.63 - 1.67
dms., 1,000-lb. lots.....lb. 1.50 - —
100-lb. lots.....lb. 1.60 - —
Guaiacolsulphonate, NF, dms.lb. 1.85 - 1.85
Hydroxide, USP, sticks, dms.lb. .34 - .36
Hypophosphite, cns.....lb. .72 - .76
Iodate, bots., 5 lbs.....lb. 3.46 - —
cns., 25 lbs.....lb. 3.35 - —
Iodide, bots., cns.....lb. 1.44 - 1.48
dms. .....lb. 1.35 - 1.38
Manure salt, dom.,[6] 22% K_2O, f.o.b. Carlsbad, N. M..... unit-ton. .20 - —
25% K_2O, same basis..... unit-ton. .21 - —
Metabisulphite, gran., bbls..lb. .19 - .21
powd., bbls.....lb. .25 - —
Muriate, dom.,[6] 60-62-63% K_2O, bulk, ex vessel, ports..... unit-ton. .53½ - —
granular, 50-52% K_2O..... unit-ton. .53½ - —

Domestic muriate of potash prices, basis f.o.b. Carlsbad, N. M., are 11.2c. per unit of K_2O less than ex vessel price, basis Trona, Cal.; 8c. per unit of K_2O less than ex vessel price at Pacific Coast ports.

Nitrate (see Saltpeter).
Oxalate, neutral, pure, gran., bbls., dms..lb. .37 - .50
tech., fine gran., bbls., dms. lb. .28 - .31
Perchlorate,[6] kgs., works....lb. .09¾ - .11
Permanganate, tech., dms., wks. lb. .19¾ - .20¼
USP, dms., works.....lb. .20½ - .21
Persulphate, dms., c.l., wks..lb. .16 - —
l.c.l., same basis.....lb. .20 - —
Prussiate, red, kgs.....lb. .50 - .53
Yellow, bbls.....lb. .16 - .17
Ricinoleate, tech., bbls.....lb. .18 - —
Silicate, glass, bgs., c.l., works. ton. 200.00 - —
l.c.l. .....100 lbs. 15.25 - —
solution, 29° Be, ret. drums, c.l., works..100 lbs. 4.25 - —
l.c.l., 5 or more, works. 100 lbs. 5.00 - —
1-4, works.....100 lbs. 5.50 - —
33° Be, ret. dms., c.l., wks. 100 lbs. 4.75 - —
l.c.l., 5 or more, works. 100 lbs. 5.50 - —
1-4, works.....100 lbs. 6.00 - —
40.5° Be, ret. dms., c.l., works..100 lbs. 5.75 - —
l.c.l., 5 or more, works. 100 lbs. 6.50 - —
1-4, works.....100 lbs. 7.00 - —
Sulphate, NF, gran.....lb. .14 - .20
powd., bbls.....lb. .15 - .21
tech., dom., bulk,[6] basis 90-95% K_2SO_4, min., 90% ex vessel, Alt. or Gulf ports.. ton. 36.25 - —
Sulphocyanide, NF, dms.....lb. .70 - .78
Thiocyanate, bbls.....lb. .62 - .65
kgs. .....lb. .70 - .78
Xanthate, dms., c.l.....lb. .12 - —
Potash-gold cyanide, 41% gold, bots., works..oz. 14.20 - 14.95
Potash-magnesia sulphate, bulk,[6] min., 40% K_2SO_4, 18.50% MgO, ex vessel, ports...ton. 26.00 - —
Potash-soda ferricyanide, kgs., works..lb. .40 - .43
Potash-titanium oxalate, bbls., dms..lb. .45 - .50
Prickly ash bark, bls.....lb. .23 - .25
Berries, bgs.....lb. .20 - .21
Prince's pine herb, bls.....lb. .65 - .70
Procaine hydrochloride, cns., 100-lb. lots..lb. 3.75 - —
smaller lots.....lb. 4.25 - 4.75
Propane,[1] industrial grade, tanks, Group 3..gal. .03¾ - —
Propyleneglycol,[6] dms., c.l., frt. alld. in E..lb. .15½ - —
l.c.l., same basis.....lb. .16½ - —
tanks, same basis.....lb. .14½ - —
Psyllium seed (see Fleaseed).
Pulsatilla, bls.....lb. .65 - .68
Pumice, grd., fine, bgs., ton lots. lb. .03¾ - —
smaller lots.....lb. .03¾ - .04
coarse, 0½, 1, 1½, 2, 3, bgs., ton lots..lb. .03¾ - —
smaller lots.....lb. .03¾ - .04¼
Chi., ton lots.....lb. .04½ - —
Pumice in bbls. is ½c. per lb. higher.
Pumpkin seed, bgs.....lb. 38 - .40
Purple lake (see Red).
Putty, com'l, dms.....100 lbs. 3.15 - —
linseed oil, raw, dms....100 lbs. 5.00 - —
refined, dms.....100 lbs. 5.50 - —
standard, dms.....100 lbs. 4.20 - —
Pyrethrum,[1,6] concentrate, dewaxed, 20% for aerosol bombs, bbls., works....gal. 9.25 - 9.50
liquid (20 to 1), basis 2 grams pyrethrins per 100 cc., bbls., works..gal. 7.15 - —
(30 to 1), basis 3 grams pyrethrins per 100 cc., bbls., works..gal. 10.65 - —
flowers, coarse-grd., 0.9% pyrethrins, bbls., works..lb. .31½ - —
fine-grd., 0.9% pyrethrins, bbls., works..lb. .33¾ - —
powder, 0.5% pyrethrins, bbls., works..lb. .25 - —
Pyridin,[6] denaturing, ret. dms., works, frt. equald..gal. 1.55 - 1.60
refd., 2°, ret. dms., same basis. lb. .45 - .45½
Pyrites, Spanish, c.l.f. Atl. ports. long ton. 8.00 - 10.00
Pyrocatechin (see Catechol)
Pyronate, dms., works.....gal. .75 - 1.25
Pyrophyllite, standard, 200 mesh, c.l., bulk, mines..ton. 10.00 - 11.50
325 mesh, same basis....ton. 13.00 - 13.90
No. 3, 200 mesh, c.l., mines.ton. 9.50 - —
325 mesh, same basis.....ton. 11.50 - —
Pyrophyllite in paper bags, $1.50 per ton extra.



A Twenty-Five Year Perspective

America has come a long way since 1920 in the appearance and efficiency of its roads and highways. New superhighways of practical and time-saving design have solved many of the difficult problems of traffic control, combining speed with greater freedom of movement and safety. Yet this is but a start of a pattern that will be followed out in the expanding postwar years.

America has come a long way chemically, too, in this twenty-five years. Founded in 1920, Witco has expanded with the chemical industry . . . helped to solve many of the pressing problems associated with its development...and provided many new and improved chemical products that have benefited other industries. Today, Witco is ready with increased experience and facilities to meet postwar needs.

If you use chemicals, pigments, sealing compounds, asphalt specialties or similar materials, call on Witco for modern service plus efficient technical cooperation and research assistance.

WITCO CHEMICAL COMPANY

MANUFACTURERS AND EXPORTERS

[Formerly Wishnick-Tumpeer, Inc.]

295 MADISON AVENUE, NEW YORK 17, N. Y.

Boston • Chicago • Detroit • Cleveland • Akron • London

Pyroxylin, transparent, cs., wks. lb. .19 - —
black, cs., works....lb. .17 - —
China, white, ivory, cs., works..lb. .17 - —
dense, white, cs., works..lb. .17 - —
gray, cs., works....lb. .17 - —
mixed, mottled, cs., works. lb. .14 - —
translucent pastels, cs., wks. lb. .17 - —
transparent, cs., works....lb. .19 - —
colors, cs., works....lb. .17 - —
shavings, amber, cs., works..lb. .17 - —
mixed colors, cs., works...lb. .14 - —
white, cs., works....lb. .17 - —

Q

Quassia chips, bls....lb. .08 - .09
Quebracho extract,[1,6] solid, 63%, bgs., c.l., ex dock, in bond, based on ocean freight, $12; insurance $1 per ton. Any difference for buyers account..lb. .05⅝- .05⅞
clarified, 64%, bgs., c.l., same basis..lb. .06⅛- .06⅜
dissolved, 35% tan., bbls., works..lb. .04575- .0595
tanks, works....lb. .04075- —
ground, 70%, bgs., c.l.....lb. .089 - —
l.c.l., bgs....lb. .0915- —
Queen of the meadow root, bgs. lb. .11 - .13
Quercitron, crystals, bbls.....lb. .26 - —
extract, bbls., No. 1.....lb. .10 - —
No. 2.....lb. .09½- —
No. 3.....lb. .09 - —
solid, bxs.....lb. .18½- —
Quicksilver,[1] flasks (76 lbs. net) flask.152.00 -153.00
Quince seed, bgs....lb. 1.30 - 1.75
Quinidine,[6] NF V, cryst., cns.oz. 1.06 + .13½*
powd., precip., cns.....oz. 1.01 + .13½
Sulphate, USP, cns.....oz. .71 + .13½

* Surcharge of 13½c. per oz.; see note under Quinine.

Quinine,[6] NF, cns., 100 ozs...oz. .84 + .13½*
Acetate, cns., 100 ozs.....oz. 1.05 + .13½
Arsenate, cns., 100 ozs.....oz. 1.05 + .13½
Arsenite, cns., 100 ozs.....oz. 1.07 + .13½
Bisulphate, USP, cns., 100 ozs. oz. .60 + .13½
Citrate, cns., 100 ozs.....oz. .78 + .13½
Dihydrobromide, bets., 50 ozs.. oz. .86 + .13½
Ethylcarbonate, USP, cns., 100 ozs..oz. 1.25 + .13½
Ferrocyanide, cns.. 100 ozs...oz. 1.07 + .13½
Formate, cns., 100 ozs.....oz. 1.00 + .13½
Glycerophosphate, cns., 100 ozs. oz. 1.20 + .13½
Hydrochloride, USP, cns., 100 ozs..oz. .76 + .13½
Hydrochlorosulphate, cns., 100 ozs..oz. .81 + .13½
Hydriodide, cns., 100 ozs...oz. 1.05 + .13½
Hyposulphite, cns., 100 ozs., oz. 1.07 + .13½
Phosphate, NF, cns., 100 ozs.. oz. .90 + .13½
Salicylate, NF, cns., 100 ozs.oz. .79 + .13½
Sulphate, USP, cns., 100 ozs.oz. .67 + .13½
Sulphocarbolate, cns., 100 ozs.oz. 1.05 + .13½
Tannate, USP X, cns., 100 ozs., oz. .63 + .13½
Tartrate, cns., 100 ozs.....oz. 1.03 + .13½
Valerate, NF IV, 100 ozs....oz. .99 + .13½

* Surcharge to cover present war risk insurance, ocean freight rates, and additional expenses over the cost of usual business. Change in these controlling factors will be reflected in the surcharge invoiced.

Quinine-urea hydrochloride,[6] USP, cns..oz. .81 + .13½*
Surcharge:—See note under Quinine.
Quinoline, dms., c.l., works...lb. .24½- .50

R

R salt, dry, bbls....lb. .65 - —
paste, dms....lb. .52 - —
Raspberries, dried, bls.....lb. 1.20 - 1.25
Red, alizarin lake,[3] bbls., dlvd. N. of Tenn. and N. C., E. of Miss. R., including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis..lb. 1.10 - 1.90
Prices ½c. per lb. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.); Miss., N. C., S. C., Tenn., Tex. (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1.6c. per lb. higher dlvd. Pacific Coast prices equaled with Chicago dlvd. Denver, Pueblo, Salt Lake City, Wichita.
Cadmium lithopone, deep shade, bbls., E. Rockies..lb. 1.00 - —
light shade, bbls., same basis..lb. .85 - —
medium shades, bbls., same basis..lb. .30 - —
Red cadmium lithopone, all shades, in smaller pkgs., 5c. per lb. higher.
Selenide, dark, bbls., works.. lb. 2.50 - —
light, same basis.....lb. 2.20 - —
Orange (see Orange).
Carmine, 40 dms., 100-lb. lots, works..lb. 4.60 - —
smaller lots, same basis..lb. 4.75 - 5.25
Crocus Martis (see Red, purple oxide).
Dyes (see Dyes, coaltar).
Eosin toner, bbls., works....lb. 1.35 - —
Firetoner, dom., bbls.. works.lb. .85 - —
Indian, dom., pure, bbls., Bethlehem, Easton, E. St. Louis, N. Y..lb. .09¼- —
80-85%, bbls., same basis.lb. .09¾- —
imp., English, all shades..lb. .12 - —
Iron oxide, pure, bbls.....lb. .09 - .09¾
reduced, 85% copperas oxide, bbls., l.c.l., Bethlehem, Pa.; Copley, O.; Easton, Pa., and E. St. Louis..lb. .08¾- —
80% copperas oxide, bbls., same basis..lb. .085 - .096
Lacquer, maroon, bbls., works. lb. 1.25 - —
Lake C toner, alizarin, bbls., works..lb. .90 - —
Lithol toner, alizarin, lake, bbls.. works..lb. .60 - —
Pink, bbls., works.....lb. .20 - .25
Rose lake, bbls., works....lb. .25 - .26
Lithol-rubin toner, alizarin lake, bbls., works..lb. 1.10 - —
Maroon, alizarin lake 25%, kgs., works..lb. .40 - —
Cadmium, bbls., works....lb. 1.10 - —
deep, bbls., same basis..lb. 1.20 - —
Maroon, in smaller pkgs., 5c. per lb. higher.
Mercury oxide,[3] tech., bbls., 10,000 lbs., works..lb. 2.75 - —
smaller lots, works.....lb. 2.75 - —
Metallic, bbls., works.....lb .02 - —
Oxide (see Red, iron oxide).

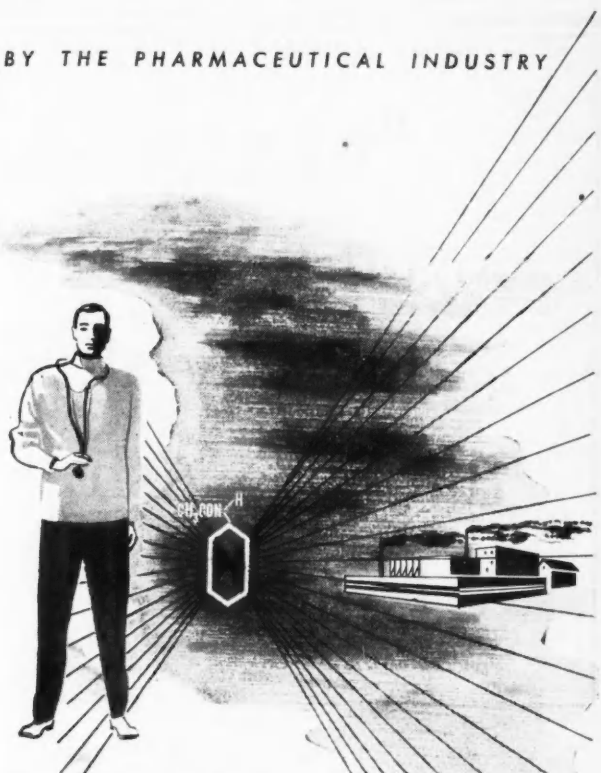
Para[3] toner, concent., alizarin lake, kgs., works..lb. .70 - —
Persian (see Orange).
Phloxin toner (see Red, eosin toner).
Phosphotungstic rhodamine, Y, kgs., works..lb. 4.15 - —
Purple lake, kgs.....lb. 1.00 - —
Scarlet ink toner, kgs., works. lb. .55 Nom.
alizarin lake, kgs., works..lb. .35 - —
Spanish oxide, grade 1, c.l., bbls..lb. .04⅝- .07¾
Toluidin toner, alizarin lake, kgs., works..lb. 1.05 - —
MNPT maroon toner, kgs., works..lb. 3.25 - —
Turkey, bbls., works.....lb. .14½- —
Tuscan, bbls., E. St. L.....lb. .11 - —
Venetian, 5%, bbls., works...lb. .0220- —
10%, bbls., works.....lb. .0245- —
15%, bbls., works.....lb. .0265- —
20%, bbls., works.....lb. .02¾- —
25%, bbls., works.....lb. .03 - —
30%, bbls., works.....lb. .03¼- —
35%, bbls., works.....lb. .0360- —
40%, bbls., works.....lb. .04 - —
Vermilion, Amer., bbls.....lb. .25 - .40
Quicksilver, bbls.....lb. 2.75 - 2.88
Red precipitate,[3] NF, powd., fib. dms..lb. 2.90 - 2.92
Red saunders wood, grd., bbls.lb. .35 - —
Resorcinol, tech., dms., frt. alld. E. of Miss..lb .68 - .75
USP. cryst., dms., frt. alld. E of Miss..lb. 1.80 - —
Rhatany root, bgs.....lb. .16 - .17
Rhubarb, whole, cs.....lb. .35 - .36
powd., bbls.....lb. .40 - .41

Riboflavin, bots.....kilo.200.00 - —
Rice bran concentrate, dms., Cedartown, Ga. or Emeryville, Calif., seller's option. lb. .79 - —
Rochelle salt, cryst., bbls., 5,000 lbs., 1 ship't..lb. .43½- —
smaller lots.....lb. .44 - .47
powd., bbls., 5,000 lbs., 1 ship't..lb. .42½- —
smaller lots.....lb. .43 - .46
Rose flowers, pale, bls.....lb. .45 - .50
Rosemary flowers, bls.....lb. 1.45 - 1.50
Leaves, Portuguese, bls.....lb. .11 - .11½
Spanish, bls.....lb. .13¾- .14½
Rosin, gum,[1,5]:—
B, dms., c.l.....100 lbs. 5.90 - —
D, dms., c.l.....100 lbs. 5.97 - —
E, dms., c.l.....100 lbs. 6.50 - —
F, dms., c.l.....100 lbs. 6.60 - —
G, dms., c.l.....100 lbs. 6.64 - —
H, dms., c.l.....100 lbs. 6.66 - —
I, dms., c.l.....100 lbs. 6.66 - —
K, dms., c.l.....100 lbs. 6.70 - —
M, dms., c.l.....100 lbs. 6.72 - —
N, dms., c.l.....100 lbs. 6.88 - —
W.G., dms., c.l.....100 lbs. 7.18 - —
W.W., dms., c.l.....100 lbs. 7.40 - —
X, dms., c.l.....100 lbs. 7.40 - —
Wood,[1,5] F.F., dms., c.l.100 lbs. 4.32½- 4.35
l.c.l. .....100 lbs. 4.62½- 4.65
Rotenone,[1,6] bbls., works.....lb.10.90 -13.50
extract, liq., dms., works..... per unit. 1.05 - —
powder (see Cube root).
Rottenstone, bgs., c.l., mines.ton.25.50 - —
l.c.l., mines.....ton.37.50 - —
Rue, bls.....lb. .70 - .75

S

Sabadilla seed, powd., bbls....lb. .32 Nom.
Saccharin,[1] soluble and insoluble, 1,000 lbs. and up..lb. 1.30 - 1.35
smaller lots.....lb. 1.40 - 1.60
Saffron, Mexican, bls.....lb. 1.20 - 1.30
Spanish, tins.....lb.39.00 -41.00
Safrol, cns.....lb. 1.10 - 1.25
Sage,[1] Calif., leucophylla, bgs., Pacific coast..lb. .32 - .33
Dalmatian-type, bgs.....lb. .65 - .66
Cyprus, good, bls.....lb. .17½- .18
fair, bls.....lb. .15 - .15½
Greek type, fair, bls.....lb. No stocks
good, bls.....lb. No stocks
Palestine, bls.....lb. .16 - .16½
Spanish, bls.....lb. .24 - .25
Sago flour, bgs.....lb. .05 - .05¾
Salicin, bots., 5 lbs.....lb. No stocks
cns., 25 lbs.....lb. No stocks
Saligenin, dms.....lb.15.00 -20.00
Salol, gran., bbls., kgs.....lb. .90 - —
fib. dms.....lb. .92 - .93
powder, 10c. per lb. higher.
Salt, rock, bgs., c.l.....ton.14.20 - —
l.c.l., bgs.....ton.17.20 -18.00
vacuum, common, fine, bgs., c.l..ton.15.70 - —
l.c.l. .....ton.19.60 -23.20
Saltcake, dom., bulk, works.ton.15.00 - —
Chrome (see Chrome cake).
Saltpeter, dbl. ref. gran., bbls., 10 tons..100 lbs. 8.20 - —
smaller lots.....100 lbs. 8.35 - 8.60
powd., bbls., 10-20 tons.... 100 lbs. 9.20 - —
smaller lots.....100 lbs. 9.35 - 9.60

ONE OF 96 DOW CHEMICALS USED BY THE PHARMACEUTICAL INDUSTRY



Acetanilid

Looking two ways to medicine / to industry

An important medicinal in its own right, Dow Acetanilid takes part in the making of many other familiar drugs and industrial products as well. The U.S.P. grade is used extensively in medicine as a sedative, analgesic, antipyretic, and mild local antiseptic. Its preservative action is utilized in hydrogen peroxide and other pharmaceutical preparations.

Acetanilid, Technical, enters into the manufacture of all the important sulfonamide group of drugs. It is a valuable dye intermediate . . . used also in the manufacture of celluloid and as an addition agent for cellulose ester coatings and lacquers.

Dow, large-scale producer of both the U.S.P. and Technical grades of Acetanilid, will be glad to consult with you regarding this useful chemical.

THE DOW CHEMICAL COMPANY, MIDLAND, MICHIGAN

New York • Boston • Philadelphia • Washington • Cleveland • Detroit • Chicago
St. Louis • Houston • San Francisco • Los Angeles • Seattle

Pharmaceutical *Chemicals*

DOW

CHEMICALS INDISPENSABLE TO INDUSTRY AND VICTORY

Sanguinarine nitrate, bots....oz. 2.75 - —
Santonin, cryst., cns.....kilo.200.00 -200.00
Saponin, No. 1, cns.....lb. 1.75 - 1.90
No. 2, cns.....lb. 1.40 - —
Sarsaparilla root, Amer., bls..lb. .35 - .37
Honduras, bls.....lb. .45 - .50
Mexican, bls.....lb. .23 - .24
Sassafras bark, ord., bls.....lb. .40 - .45
select, bls.....lb. .60 - .65
Savory, Spanish, bls.....lb. .23 - .24
dom., bls., Calif.....lb. .75 - .76
Saw palmetto berries, bgs.....lb. .20 - .21
Scammony resin, lump, cns...lb. 1.30 - —
powd., cns.....lb. 1.35 - —
Root, bgs.....lb. .08 - .10
Schaeffer's salt, bgs.....lb. .46 - —
Scullcap, Eastern, bls.....lb. No stocks.
Seidlits mixture bbls., 5,000 lbs., 1 shipment..lb. .33¾- —
smaller lots.....lb. .34¼ - —
kegs, 5,000 lbs., 1 shipm't..lb. .34¼- —
smaller lots.....lb .34¾- —
Selenium, pwd., cns., 10 lbs..lb. 1.85 - —
cs., 1,000 lbs.....lb. 1.75 - —
Senega root, lbs.....lb. 1.10 - 1.15
Senna, Alex., half-leaf, bls....lb. .19 - .22
siftings, bgs.....lb. .16 - .19
Tinnevelly, No. 1, bls.....lb. .16 - .16½
2, bls.....lb. .11½- .12
3, bls.....lb. .10 - .10¼
powd., bbls., bgs.....lb. .15 - .17
Pods, bls.....lb. .09 - .10
Serpentaria root, bls.....lb. 1.40 - 1.50
Sesame seed,[1] Chinese, hulled, bgs..lb. .13½- .14
Indian, hulled, recleaned, bgs. lb. No stocks
natural, bgs.....lb. .11 Nom.
Shellac, bleached, bonedry, bbls., 1,000-lb. lots..lb. .42½- —
Boston .....lb. .43½- —
Chicago .....lb. .44 - —
Pacific coast.....lb. .46 - —

Shellac, bleached, refined, bbls., 1,500-lb. lots..lb. .48½- —
Boston .....lb. .49¾- —
Chicago .....lb. .50 - —
Pacific coast.....lb. .52 - —

Bonedry shellac sales of less than 1,500 lbs., at following additions to maximum prices:—(1) packed in bgs., ¾c. per lb., (2), bbls., 1c. more; (3) kgs., 3c. more.

D.C., V.S.O., Diamond I, 100 bgs..lb. .4660- —
Garnet, 100 bgs.....lb. .3890- —
Superfine, 100 bgs., Boston, N. Y..lb. .3660- —
Chicago .....lb. .3710- —
Pacific coast.....lb. .3960- —
TN, 100 bgs., Boston, N. Y..lb. .3550- —
Chicago .....lb. .3600- —
Pacific coast.....lb. .3805- —

Shellac in cs., 2c. higher. Shellac sales, 1 bg. or 1 cs., 3c. additional; 1 to 9 bgs. or cs., 2c. more; 10 to 99 bgs., cs., 1c more.

Silica, amorph., dry-grd., 325 mesh, bgs., c.l., lh. works.. ton.17.00 - —
l.c.l., same basis....ton.20.00 - —
400 mesh, bgs., c.l., same basis..ton.18.00 - —
l.c.l., same basis....ton.19.00 -20.00
wet-grd., 325 mesh, bgs., c.l., same basis..ton.18.00 - —
l.c.l., same basis....ton.21.00 - —
400 mesh, bgs., c.l., same basis..ton.30.60 - —
l.c.l., same basis....ton.35.00 -38.00
96-98%, 325 mesh, bgs., c.l., same basis..ton.20.00 - —
l.c.l., same basis....ton.21.50 -23.00
99%, 325 mesh, bgs., c.l., same basis..ton.20.00 - —
l.c.l., same basis....ton.22.00 -25.00

Silica, hard-quartz, 99½%, 325 mesh, bgs., c.l., same basis, ton.15.50 - —
l.c.l., same basis....ton.18.50 - —
140 mesh, bgs., c.l., same basis..ton.11.00 - —
l.c.l., same basis....ton.16.00 - —
Silicon tetrachloride, tech., dms., c.l., works..lb. .15½- —
l.c.l., works.....lb. .18½- .27
Silver bullion.....oz. .44¾- —
Cyanide, cns., 100 ozs.....oz. .41½- —
Nitrate, 100-oz. bots.....oz. .32¾- —
Silver nucleinate, USP, bots., 1ms..oz. .308 - .358
Proteinate, USP, bots., dms.. oz. .288 - .358
Simarubra bark, bls.....lb. .52 - .55
Skunk cabbage root, bls.....lb. .46 - .48
Slate flour, bgs., c.l., works..ton.11.00 -12.00
l.c.l., works.....ton.12.00 -13.00
Sloe berries, bgs.....lb. .40 - .41
Smalt, black, ctns.....lb. .05 - .08
Blue, ctns.....lb. .07 - .08¼
Snakeroot, Canada, bls.....lb. .80 - .85
Soapbark, bls.....lb. .11¾- .12¼
crushed, bls., bbls.....lb. .13 - .14
cut, dom., bls., bbls.....lb. .16 - .19
imp., bbls.....lb. .18 - .19
powd., bbls.....lb. .16 - .17
Soda acetate, anhyd., dms., dlvd. .....lb. .06½- .10
NF, cryst., bbls., kgs.....lb .14 - .16
tech., 60%, l.c.l., dlvd.....lb. .05½- .06
Alginate, refined, water-soluble, bbls., works..lb. .79 - —
semi-refined, bbls., works..lb. .42 - —
white, powd., dms.....lb. 1.50 - 1.80
Aluminate,[4] for water treat., bgs., c.l., works..100 lbs. 7.50 - —
l.c.l., works.....100 lbs. 8.40 - —
other uses, bgs., c.l., works. 100 lbs. 7.00 - —
l.c.l. .....100 lbs. 7.50 - 8.00
Antimoniate, bbls., dlvd.....lb. .16 - .16½

Soda, arsenate,[4] dms., dealers, c.l., works..lb. .09½- —
l.c.l., works.....lb. .10¾- .11¼
Arsenite,[4] gray, dms., dealers, c.l., works..lb. .08¼- —
l.c.l., works.....lb. .09 - .10

Soda arsenite, gray, ¾c. higher in Chi.; 2c. higher in Houston, Tex., and Palo Alto, Calif.

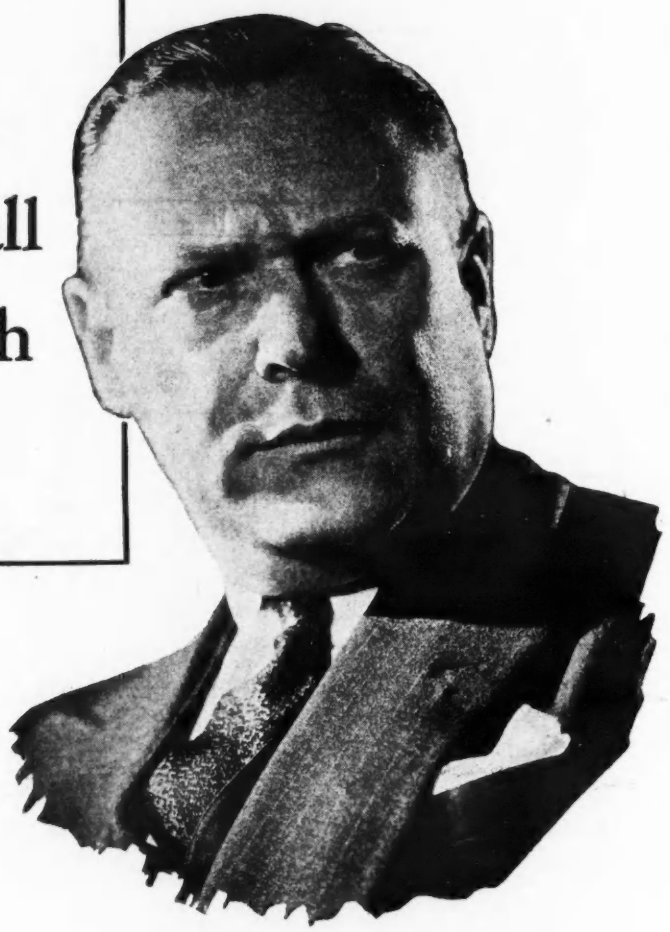
Ash, dense, 58%, bgs., c.l., works..100 lbs. 1.15 - —
l.c.l., dlvd., zone 1.... 100 lbs. 2.18 - —
2 .....100 lbs. 2.33 - —
3 .....100 lbs. 2.58 - —
4 .....100 lbs. 2.98 - —
bbls., c.l., works, zone 1, 100 lbs. 1.35 - —
2 .....100 lbs. 2.50 - —
3 .....100 lbs. 2.75 - —
4 .....100 lbs. 3.15 - —
bulk, c.l., works...100 lbs. .95 - —
extra light, 58%, bgs., c.l.... 100 lbs. 1.18 - —
l.c.l., dlvd., zone 1..... 100 lbs. 2.13 - —
2 .....100 lbs. 2.28 - —
3 .....100 lbs. 2.53 - —
4 .....100 lbs. 2.93 - —
bbls., c.l., works...100 lbs. 1.45 - —
l.c.l., dlvd., zone 1..... 100 lbs. 2.45 - —
2 .....100 lbs. 2.60 - —
3 .....100 lbs. 2.85 - —
4 .....100 lbs. 3.25 - —
bulk, c.l.....100 lbs. .90 - —
light, 58%, bgs., c.l., works, 100 lbs. 1.05 - 1.13
l.c.l., dlvd., zone 1..... 100 lbs. 2.13 - —
2 .....100 lbs. 2.28 - —
3 .....100 lbs. 2.53 - —
4 .....100 lbs. 2.93 - —
bbls., c.l., works...100 lbs. 1.35 - —
l.c.l., dlvd., zone 1..... 100 lbs. 2.35 - —
2 .....100 lbs. 2.50 - —
3 .....100 lbs. 2.75 - —
4 .....100 lbs. 3.15 - —
bulk, c.l.....100 lbs. .90 - —

Soda ash sales zones are:—(1) All States E. of Miss. R. and N. of south, bound, of Ky. and Va.; also Ala., La., and Miss., S. of 31°, Tex. E. of 100°, S. of 31°, Fla.; also Me., N. H., and Vt., in which there are special county zones; Davenport, Ia., and St. Louis; (2) Ark., E. of 93°, Ga.; Iowa (except Davenport), Minn.; Mo. (except St. Louis), Neb. E. of 98°, N. C., S. C., Tenn. and Tex. N. of 31° and E. of 100° (except Wichita Falls); also Ala., La., and Miss. No. of 31°; (3) Ark. W. of 93°, Kans., Neb., W. of 98°, N. D., Okla., S. D., Tex., W. of 100° (including Wichita Falls (excluding El Paso); (4) Ariz., Colo., Idaho, Mont., Nev., N. M., Utah, Wyo., and El Paso, Tex.

Benzoate, tech., bbls., 2 tons or more..lb. .39 - —
smaller lots.....lb. .40 - .41
USP dms., 2 tons or more..lb. .46 - —
smaller lots.....lb. .47 - .52
Bicarbonate, tech., bgs., c.l., works..100 lbs. 1.55 - —
l.c.l., works.....100 lbs. 1.90 - —
USP, gran., bgs., c.l., works. 100 lbs. 2.10 - —
Bichromate,[1,4] bgs., c.l., works. lb. .07¾- —
l.c.l., works.....lb. .07¾- .08¼
Soda bichromate in bbls. ¾c. higher.
Bifluoride, bbls., c.l., frt. alld. E..lb. .11½- —
l.c.l., same basis.....lb. .12 - .14
kgs., same basis.....lb. .12½- .14
Bisulphite, powd., bbls., c.l., works..100 lbs. 3.00 - 3.10
l.c.l., works.....100 lbs. 3.50 - 3.60
solut., 32°, bbls., c.l., works, 100 lbs. 1.30 - —
l.c.l., works.....100 lbs. 1.55 - —
30°, bbls., c.l., works.100 lbs. 1.35 - —
l.c.l., works.....100 lbs. 1.60 - —
35°, bbls., c.l., works.100 lbs. 1.40 - —
l.c.l., works.....100 lbs. 1.65 - —
40°, bbls., c.l., works.100 lbs. 1.55 - —
l.c.l., works.....100 lbs. 1.80 - —
Bromide, USP, gran., bbls., 500 lbs., works..lb. .25 - —
fiber dms., 100 lbs., works, lb. .26 - —
Cacodylate, bots., dms.....lb. 9.00 -12.90
Carbonate (see Soda ash, Soda monohydrate, Soda sal).
Caustic, flake, powd., 76%, dms., c.l., works..100 lbs. 2.70 - —
l.c.l., Zone 1, dlvd..... 100 lbs. 3.55 - —
2, dlvd.....100 lbs. 3.70 - 5.05
3, dlvd.....100 lbs. 3.95 - 5.30
4, dlvd.....100 lbs. 4.35 - 5.70
liquid, 47-49%, buyer's tanks, works..100 lbs. 1.92½- —
seller's tanks, works..... 100 lbs. 1.95 - —
70%, buyers' tanks, works.. 100 lbs. 1.97½- —
sellers' tanks, works.... 100 lbs. 2.00 - —
solid, 76%, dms., c.l., works. 100 lbs. 2.30 - —
l.c.l., Zone 1, dlvd..... 100 lbs. 3.15 - —
2, dlvd.....100 lbs. 3.30 - —
3, dlvd.....100 lbs. 3.55 - —
4, dlvd.....100 lbs. 3.95 - —

Caustic soda zones are same as soda ash.
Chloride (see Salt).
Chlorate,[4] cryst., kgs., c.l., works..lb. .06¼- —
l.c.l., works.....lb. .06½- —
powd., kgs., c.l., works....lb. .06¾- —
l.c.l., works.....lb. .07 - .08½
Chromate,[1,5] bbls., cks., c.l., works, frt. equald..lb. .09¼- —
l.c.l., works, frt. equald..lb. .09½- .09¾
Soda chromate in bgs. is ⅛c. lower.
Citrate, USP VIII, bbls.....lb. .18½- —
dms.....lb. .19½- .22½
USP XII, gran., bbls.....lb. .24 - —
dms.....lb. .25 - .29
dms.....lb. .25½- .29½
powd., bbls.....lb. .24½- —
Cyanide,[4] 96-98%, dms.....lb. .14½- .15
Diacetate, 33-35% acidity, bbls., dlvd..lb. .09½- .10½
anhydrous, dms., dlvd.....lb. .12¾- —
Fluoride, white, 90%, bbls., c.l., works..lb. .07 - —
l.c.l., works.....lb. .08 - —
95%, bbls., c.l., works...lb. .07½- —
l.c.l., works.....lb. .08¼- —
Soda fluoride prices at Los Angeles are f.a.s. works.
Formate, bgs., c.l., works...lb. .0655- —
l.c.l., works.....lb. .068 - —
Glutamate, monobasic, kgs..lb. 1.04 - 1.06
Glycerophosphate, NF, cryst., bbls..100 lbs. 1.25 - —
dms.....lb. 1.40 - —
powder, 5c. higher.
solution, 50%, cbys., cns...lb. .82 - .90
Hydrosulphite, dms., c.l., frt. alld..lb. .16½- —
l.c.l., frt. alld.....lb. .18 - —
Hydroxide, USP, sticks, dms., lb. .24 - .28
tech. (see Soda caustic).

"what! you mean I can't buy all the Soda Ash I want?"



YES, MR. INDUSTRIALIST, that's the situation on Soda Ash . . . as long as present heavy war demand continues.

Too often this basic "work-horse" of industry is taken for granted. Yet Soda Ash is absolutely indispensable in a wide variety of industrial processes.

What has happened to all the Soda Ash? It has gone into vastly expanded production of glass containers to save scarce metals. Into the manufacture of aluminum and other metals vital to war production. Into the making of explosives. Into the manufacture of chemicals, pulp and paper, textiles, soap and soap powders, water softeners, cleansers and literally hundreds of miscellaneous materials.

Despite war's complications, alkali manufacturers have set an enviable record in supplying the steadily expanding Soda Ash requirements of industry. And Mathieson, playing no favorites, has followed a policy in its commitments of "cutting the cloth to fit the pattern", is continuing to take care of its contract customers, large and small, with little or no occasion for late deliveries or other disappointments . . . regrets only that its production facilities have not been great enough at all times to serve all potential Mathieson customers.

Yes, Mr. Industrialist, if they ever start pinning medals on industrial products for valiant war service, Soda Ash will sport a chest full! Think of that if you haven't been able to buy all the Soda Ash you want!

Mathieson
CHEMICALS
THE MATHIESON ALKALI WORKS (INC.)
60 East 42nd Street, New York 17, N. Y.
Soda Ash... Caustic Soda... Liquid Chlorine... Bicarbonate of Soda... Chlorine Dioxide... Ammonia, Anhydrous & Aqua ...HTH Products...Fused Alkali Products... Synthetic Salt Cake... Dry Ice... Carbonic Gas... Sodium Chlorite Products... Sodium Methylate

Soda hypophosphite, NF, cns..lb. .67 - .70
Hyposulphite, cryst., bgs., c.l., works, frt. equald..100 lbs. 2.25 - —
l.c.l., same basis...100 lbs. 2.50 - —
pea cryst., bgs., c.l., works, 100 lbs. 2.60 - —
l.c.l., works.....100 lbs. 2.75 - 3.95
Soda, hyposulphite, crystals, in bbls., 20c. higher; pea crystals, dms., 50c. higher.
USP, cryst., bbls.....lb. .10 - .12
Iodate, dms., jars.....lb. 5.40 - 5.48
Iodide, bots.....lb. 2.53 - 2.57
dms., jars.....lb. 2.42 - —
Mandelate, dms.....lb. 3.25 - 3.35
Metanilate, bgs.....lb. .40 - —
Metasilicate,[6] anhyd., dms., c.l., works, frt. equald..100 lbs. 4.00 - —
l.c.l., same basis...100 lbs. 4.90 - 5.80
gran., bbls., c.l., works, frt. equald..lb. 2.50 - —
l.c.l., dlvd.....100 lbs. 3.30 - 3.55
Methylate, bots., works.....lb. 1.00 - —
cns., works.....lb. .55 - .60
dms., works.....lb. .45 - .60
Molybdate,[6] anhyd., kgs., works, lb. .47 - —
Monohydrated, bgs., c.l..100 lbs. 2.90 - —
works .....100 lbs. 2.45 - —
Naphthionate, bbls.....lb. .50 - —
Nitrate,[6] crude, dom., 100-lb. bgs., c.l., works..ton.30.05 - —
bulk, same basis.....ton.27.00 - —
imp., 100-lb. bgs., c.l., Atl., Gulf, Pac. whse..ton.33.00 - —
200-lb. bgs., same basis, ton.32.40 - —
bulk, same basis.....ton.30.00 - —
refd., gran., bbls., 10 tons, 100 lbs. 3.60 - —
smaller lots.....100 lbs. 3.75 - 4.00
Nitrite, 96-98%, bbls., c.l., wks., frt. equald..lb. .06¾- —
west coast ports..100 lbs. 8.00 - 8.65
l.c.l., dlvd.....100 lbs. 8.90 -11.90
Orthosilicate, anhyd.,[6] dms., c.l., works, frt. equald..100 lbs. 4.50 - —
l.c.l., same basis...100 lbs. 5.45 - 5.85
flake, dms., c.l., wks..100 lbs. 3.15 - —
l.c.l., dlvd.....100 lbs. 4.30 - 4.55
Oxalate, neut., bgs., works..lb. .10 - —
Pantothenate, dextrorotary, 100-gram bots..per gram. .10 - —
Pentachlorophenate, briquets, bgs., works, frt. equald..lb. .17 - .18
powd., bgs., c.l., works, frt. equald..lb. .16 - .16½
l.c.l., works, frt. equald.lb. .17 - —
kgs., l.c.l., works, frt. equal. lb. .19 - —
Perborate,[6] NF, bbls., c.l., works..lb. .14¾- —
l.c.l., works.....lb. .15½- —
Peroxide,[6] dms., c.l., dlvd. E. of Miss..lb. .14 - —
smaller lots.....lb. .17 - —
Phosphate,[6] dibasic, tech., anhyd., bgs., c.l., works..... 100 lbs. 6.00 - 6.25
l.c.l., works....100 lbs. 6.50 - 7.25
cryst., bgs., c.l., works.. 100 lbs. 2.55 - 2.70
l.c.l., works....100 lbs. 2.95 - 3.45
USP, XII, dried, bbls., dms., works..lb. .16 - —
gran., bbls., dms., works, lb. .10 - —
monobasic, anhydrous, bgs., c.l., works..100 lbs. 7.25 - 8.25
l.c.l., works.....100 lbs. 8.00 - 9.00
tribasic, anhydrous, bgs., c.l., works, frt. equald..100 lbs. 6.00 - —
l.c.l., same basis..100 lbs. 6.50 - —
cryst., bgs., c.l., same basis, 100 lbs. 2.70 - —
l.c.l., same basis..100 lbs. 3.40 - —
kgs., c.l., works...100 lbs. 3.40 - —
l.c.l., works.....100 lbs. 4.15 - —
USP (see Sodium phosphate, dibasic).
Soda phosphate in bbls. 20c. higher.
Prussiate, yellow, bgs.....lb. .10¾- —
bbls. .....lb. .11 - —
Pyrophosphate,[6] tetra-basic, anhydrous, bgs., c.l., works, frt. equald..100 lbs. 5.25 - —
l.c.l., same basis..100 lbs. 5.40 - —
Ricinoleate, tech., bbls.....lb. .12 - —
Sal, bgs.....100 lbs. 1.35 - —
works .....100 lbs. 1.10 - —
bbls. .....100 lbs. 1.40 - —
works .....100 lbs. 1.20 - —
Salicylate, dms.....lb. .52 - 54
Sesquicarbonate, bgs., c.l., works..100 lbs. 1.50 - —
bbls., c.l., works.....100 lbs. 1.70 - —
l.c.l., zone 1, dlvd....100 lbs. 2.70 - —
2, dlvd.....100 lbs. 2.85 - —
3, dlvd.....100 lbs. 3.10 - —
4, dlvd.....100 lbs. 3.50 - —
Soda sesquicarbonate l.c.l. price zones are same as those for soda ash.
Sesquisilicate, dms., c.l., works, 100 lbs. 3.05 - —
l.c.l., dlvd.....100 lbs. 4.05 - 4.30
Silicate, 40° turbid, dms., c.l., works..100 lbs .80 - —
l.c.l., works.....100 lbs. 1.05 - 1.20
tanks, works.....ton.12.00 - —
52°, dms., c.l., works..100 lbs. 1.40 - —
l.c.l., works.....100 lbs. 1.65 - 1.80
tanks, works.....ton.25.00 - —
Silicofluoride, bbls., c.l., works, lb. .06½- .07
l.c.l., same basis.....lb. .08 - .10
Stannate, dms., works, frt. alld. E..lb. .32½- .36½
Stearate, bbls., works.....lb. .19 - .24
Sulphate, NF, dried, powd., bbls..lb. .07 - .07½
tech., anhyd., bgs., c.l., works 100 lbs. 1.70 - —
l.c.l., works.....100 lbs. 1.95 - —
smaller lots.....100 lbs. 2.65 - 2.80
cryst. (see Glauber's salt).
USP, cryst., gran., bbls...lb. .07 - .10
Sulphide, cryst., bbls., c.l., works..100 lbs. 2.40 - —
l.c.l., dlvd.....100 lbs. 2.90 - 3.15
solid, bbls., c.l., works.100 lbs. 3.15 - —
l.c.l., dlvd.....100 lbs. 3.65 - 3.90
Sulphite, cryst., bgs., c.l., works, 100 lbs. 2.10 - —
l.c.l., works.....100 lbs. 2.35 - —
bbls., c.l., works.....100 lbs. 2.30 - —
l.c.l., works.....100 lbs. 2.55 - —
powd., bbls., c.l.....100 lbs. 5.25 - —
l.c.l. .....100 lbs. 5.50 - 6.00
Sulphocarbolate, USP IX, gran., bbls., dms..lb. .28 - .33
powd., bbls.....lb. .30 - .35
Sulphocyanide, CP, dms.....lb. .55 - .65
Sulphohydrate, liquid, 38%, dms., c.l., works, 100% basis, lb. .06 - —
l.c.l., works.....lb. .08 - —
tanks, 100% basis, works, lb. .03¾- —
flake, 70-72%, dms., c.l., works lb. .04½- —
l.c.l., works.....lb. .05 - —
Sulphoricinoleate, bbls.....lb. .12 - —
Tetrapyrophosphate,[6] anhyd., bgs., c.l., works, frt. equald..100 lbs 5.25 - —
l.c.l., same basis..100 lbs. 5.40 - —
Thiosulphate (see Soda hyposulphite).
Tungstate,[6] tech., kgs. lb. [illegible] - [illegible]
Soda-cinchophen, bots., dms..lb. 3.75 - 3.85
Soda-formaldehyde sulphoxalate, stand cont. 125-250 lbs.)..lb. .19 - .22
Soda-sulphadiazin, USP, dms..lb.10.50 -10.60
Soda-sulphamerazin, dms.....lb.10.50 -10.60

Soda-sulphathiazole, USP, dms., lb. 2.50 - 2.60
Solvent naphtha,[6] dms., wks.gal. tanks, E. of Omaha, frt. alld. to 2c. per gal..gal. .32 - —
Minnequa, Colo.....gal. .27 - —
high-flash,[5] dms., works..gal. .27 - —
tanks, frt. alld. E. of Omaha to 2c. per gal..gal. .32 - —
wire enamel,[6] ret. dms., c.l., frt. equalized..gal. .27 - —
l.c.l., same basis.....gal. .27 - —
tanks, works.....gal. .30 - —
Soybean meal,[1] 41%, bulk, c.l., Decatur..ton.45.00 - —
Protein, alpha, bgs., 40,000 lbs., works..lb. .20 - —
20,000 lbs., works..lb. .20¼ - —
smaller lots, works.....lb. .20½- .24
Sorbitol,[6] com'l, dms., c.l., works, lb. .14¾- —
l.c.l., works.....lb. .15½- —
Sparteine sulphate, bots., cns..cs. 1.80 - 1.85
Spearmint leaves, bls.....lb. .48 - .49
Spikenard root, bls.....lb. .33 - .34
Spruce extract, liq., reg., bbls., c.l., works..lb. .02½- —
tanks, works.....lb. .01½- —
pwd., super, bgs., c.l., wks.lb. .04½- —
Squaw vine, bls.....lb .53 - .55
Squill, red, fortified, powd., bbls bxs..lb. 2.25 - —
White, bls.....lb. .14 - .15
powd., bbls., bxs.....lb. .16 - .20
St. Ignatius beans, bgs.....lb. No stocks
St. John's bread, edible, bls...lb. .11 - .11½
Starch, corn, pearl, bgs..100 lbs. 4.08 - —
Chicago .....100 lbs. 3.72 - —
powd., bgs.....100 lbs. 4.19 - —
Chicago .....100 lbs. 3.83 - —
Starch, potato, bgs., c.l.....lb. .0637- —
l.c.l. .....lb. .0712- —
Rice, bgs., c.l.....lb. No stocks
Sweetpotato, bgs.....lb. .09 - .09¼
Wheat, thick boil, bgs.....lb. .05 - —

Starch iodide, bots.....lb. 1.87 - —
Stearin, oleo (see Oleostearin).
Stillingia root, bls.....lb. No stocks
Stoneroot, bls.....lb. .07½- .08
Storax, cs. .....lb. 1.25 - 1.50
Stramonium leaves, bgs.....lb. .20 - .21
Seed, bgs.....lb. .20 - .21
Strontium bromide, cns., dms..lb. .53 - .55
Carbonate, 90%, bbls.....lb. .14 - .16
98%, bbls.....lb. .23 - .25
Chloride, tech., bbls.....lb. .22 - .24
Chromate, bbls., kgs., Phila..lb. .35 - .37
Iodide, bots.....lb. 3.06 - 3.15
jars, 25 lbs.....lb. 3.00 - —
Lactate, dms.....lb. 1.30 - 1.35
Nitrate, bbls., c.l., works....lb. .07¾- —
l.c.l., works.....lb. .08¼- .08¾
Oxalate, bbls., works.....lb. .38 - .40
Salicylate, NF, dms.....lb. 1.10 - 1.13
Sulphate, nat., air-floated, 325 mesh 90%, bbls., works..ton.58.00 - —
Strontium-calcium sulphide, phosphorescent, dms., works..lb. 2.50 - 2.85
Strophanthin, bots.....oz.30.00 -50.00
Strophanthus seed, Kombe, bgs., lb. 2.65 - 2.70
Strychnine, NF, cryst., cns., 100 ozs..oz. .70 - —
powd., cns., 100 ozs.....oz. .60 - —
Acetate, cns., 100 ozs.....oz. .88 - —
Arsenate, cns., 100 ozs.....oz. .91 - —
Arsenite, cns., 100 ozs.....oz. .88 - —
Glycerophosphate, cns., 100 ozs., oz. .89 - —
Hydrochloride, cns., 100 ozs.oz. .88 - —
Hypophosphite, cns., 100 ozs., oz. 1.00 - —
Nitrate, NF, cns., 100 ozs...oz. .82 - —
Phosphate, NF, cns., 100 ozs.. oz. .89 - —
Sulphate, USP, cryst., cns., 100 ozs..oz. .58 - —
powd., cns., 100 ozs.....oz. .48 - —
Styrolyl acetate, bots.....lb. 2.50 - 3.10

Sucrose octa-acetate, denat., bbls., l.c.l., works..lb. .45 - —
tech., bbls., l.c.l., works...lb. .40 - —
Sugar coloring (see Caramel coloring).
Sugar of milk (see Milk sugar).
Sulphadiazin, USP, dms.....lb. 9.00 - 9.10
Sulphaguanidin, dms.....lb. 4.50 - 4.60
Sulphamerazin, dms.....lb. 9.00 - 9.10
Sulphanilamide, bots.....lb. 1.50 - —
fib. dms.....lb. 1.05 - 1.25
Sulphapyridin, powd., bots., tins, lb. 5.00 - 5.30
Sulphathiozole, dms.....lb. 2.50 - 2.80
Sulphonethylmethane, kgs.....lb. 6.75 - 6.85
Sulphonmethane, kgs.....lb. 5.25 - 5.35
Sulphur, crude, c.l., bulk, mines, contract..long ton.16.00 - —
vessels, Gulf ports, contract..long ton.17.50 - —
flour, comm'l, 99½%, bgs., c.l., works..100 lbs. 1.65 - —
l.c.l., works.....100 lbs. 2.00 - 2.11
precipitated, USP, bbls., kgs., lb. .18 - .30
refined, flour, extra fine, bgs., c.l., works..100 lbs. 2.90 - —
l.c.l., works.....100 lbs. 3.25 - 3.40
heavy bgs., c.l., works, 100 lbs. 2.60 - —
l.c.l., works.....100 lbs. 2.95 - 3.10
light, bgs., c.l., works.... 100 lbs. 2.70 - —
l.c.l., works.....100 lbs. 3.05 - 3.20
flowers, USP, bgs., c.l., works..100 lbs. 3.05 - —
l.c.l., works.....100 lbs. 3.40 - 3.55
Refined sulphur flowers in bbls., 35c. higher.
rock, bbls., c.l., works.100 lbs. 2.20 - —
l.c.l., works.....100 lbs. 2.55 - 2.70
roll, bbls., c.l., works..100 lbs. 2.40 - —
l.c.l., works.....100 lbs. 2.75 - 2.90

Metals Need Alkalies

Metals are basic... from the new light metals to the ferrous and non-ferrous, metals serve in numerous forms for a vast variety of uses... Vital to metals are Solvay Alkalies and related products, proving that in war as in peace alkalies are indispensable!

SOLVAY SALES CORPORATION *Alkalies and Chemical Products Manufactured by The Solvay Process Company*

Sulphur chloride, 55-gal. dms., c.l., works..lb. .03 - .03½
l.c.l., works.....lb. .04 - .04½
10-gal. dms., c.l., works...lb. .07 - .07½
l.c.l. .....lb. .08 - .08½
Dioxide, liq. com'l. cyls., c.l., works..lb. .07 - —
l.c.l. .....lb. .08 - .08½
multi-unit cars, works..lb. .04½- .06
tanks, works.....lb. .04 - —
refrigeration, cyls., l.c.l., works..lb. .16 - .21
Iodide, bots., jars.....lb. 3.90 - 4.11
Sumac extract, No. 1, bbls....lb. .08 - —
No. 2, bbls.....lb. .07 - —
stainless, bbls.....lb. .09 - .11
Superphosphate,[1] pulverized, run-of-pile under 22% a.p.a., bulk, production points, Balto. unit-ton. .65 - —
Florida .....unit-ton. .51 - .54
others .....unit-ton. .57 - .84

Delivery points, Ariz., Calif., Colo., Ida., Kans., Nev., N. M., Ore., Utah, Wash., 88½c. per unit-ton plus frt. charge from Anaconda, Mont., in excess of $4.03 per ton; guaranteed 18%, 19% or 20% a.p.a., ½c. per unit-ton higher.

triple, 40% or more a.p.a., bulk, producing points, Florida unit-ton. .63 - —
South Carolina..unit-ton. .70 - —
Tennessee .....unit-ton. .75 - —

Other States and D.C., 62c. per unit-ton plus frt. charge for 48% from E. Tampa, Fla.

Superphosphate, gran., 2c. per unit-ton higher than pulverized.

Sweet basil, bls., Calif.....lb. .75 - .76

T

Talc, dom., ordinary grd., bgs., c.l., works..ton.14.50 -24.50
l.c.l., works .....ton.16.50 - .30
Calif., bgs., c.l., wks.ton.17.50 -43.00
Pennsylvania, bgs., c.l., works..ton.11.00 -13.50
l.c.l., works .....ton.12.00 -14.50
Vermont, bgs., c.l., works, ton.14.00 - —
l.c.l. works.....ton.15.00 - —
fibrous, grd., coarse, off-color, New York bgs., c.l., works, ton.13.00 - —
fine, New York, 325 mesh, 98-94%, bgs., c.l., works, ton.13.00 -18.00
98 - 99.5%, bgs., c.l., works..ton.15.25 -19.25
99.85 - 99.95%, bgs., c.l., works..ton.17.00 -21.00
imp. Canada, bgs., c.l.....ton.24.00 -30.00
Tallow,[1,7] edible, tanks.....lb. .09½- —
inedible, extra, loose.....lb. .08½- —
special, loose.....ton. .06½- —
sulphonated, 35% (24% fat). dms., c.l..lb. .05½- —
50% (43% fat), dms., c.l....lb. .06½- .07
50% (48% fat), dms., c.l....lb. .07½- .07½
Tallow, sulphonated, l.c.l., ½c. higher.
Tamarind, bbls.....lb. .13 - .14
Tankage,[1] animal, feed, 9-11% ammon., bulk..unit-ton. 5.53 - —
Chicago .....unit-ton. 5.53 - —
fert. grd., 9% ammon., 10% b.p.l., bulk..unit-ton. 4.00 & .10
10-11% ammon., 15% b.p.l., bulk, Caicago..unit-ton. 4.00 & .10
Tapioca flour,[1,8] Brazil, bgs..lb. .06½- .07¼
Java, bgs.....lb. No stocks.
Tar acid oil,[1,6] 15-18%, dms., c.l., works..gal. .26½- .27½
l.c.l., works.....gal. .28½- .29¼
Tar acid oil, 25%, dms., c.l., works..gal. .30 - —
l.c.l., works.....gal. .32 - —
Tar, pine (see Pinetar).
Tara, powd.....ton.120.00 - —
Tarragon herb, bgs.....lb. 1.40 - 1.50
Tartar emetic, tech., gran. or powd., bbls., kgs..lb. .47½- .48
dms. .....lb. .48½- .51
USP, powd., bbls., dms., kgs. lb. .52½- .56
Terpin hydrate, com'l, bbls., c.l. lb. .24½- —
l.c.l. .....lb. .25 - .25½
USP, cryst., bbls., dms....lb. .70 - .75
powd.. bbls., dms.....lb. .75 - .80
Terpineol, alpha (see A).
com'l, dms., c.l., South.....lb. .13½- —
l.c.l., South.....lb. .14 - —
tanks, South.....lb. .13 - —
pure, dms.....lb. .34 - .50
Terpinglycol ether, dms. (extra), c.l., works..lb. .19½- —
l.c.l., works.....lb. .20 - —
tanks, works.....lb. .19 - —
Terpinyl acetate, extra, cns., dms..lb. .90 - 1.15
prime, cns., dms.....lb. .75 - 1.05
Terra alba (see Gypsum).
Tetrachloroethane, dms.. wks..lb. .08 - .08½
Tetrachloroethylene, NF VI, 55-gal. dms., works..lb. .20 - .21½
smaller dms., works.....lb. .23½- .25½
tech. (see Perchloroethylene).
Tetrallin, dms.....lb. .19 - —
Tetrasodium pyrophosphate (see Soda pyrophosphate).
Thallium sulphate,[6] 90%, bots., works..lb.12.50 - —
Theobromine,[1,6] dms., 25-lb. lots, lb. 2.80 - —
smaller lots.....lb. 2.90 - 3.00
Thiamine hydrochloride, bots., dms., 100 grams..kilo.160.00 - —
Thiocarbanilide, dms.....lb. .24 - —
Thiourea, CP, dms.....lb. .55 - .58
Thorium nitrate, cs., works...lb. 2.00 - —
Thyme,[1] California. French type, bls., Pacific coast..lb. .90 - .91
Spanish, bls.....lb. .16½- .17
Thymol, cns.....lb. 2.40 - 2.75
Iodide, dms.....lb. 3.40 - 3.80
Timbo root[1,3] (see Cube root).
Tin chloride,[6] anhydrous.....lb. No stocks
Crystals,[6] bgs., bbls.....lb. No stocks
Metal,[1,6] .....lb. .52 - —
Bolivian .....lb. .63½- —
Straits .....lb. No stocks
Oxide,[6] bbls.....lb. .54 - .55
Tetrachloride,[6] anhyd., dms., works..lb. .31 - .33
Titanium dioxide,[1,4] chalk resistant, bgs., c.l., divd..lb. .15 - —
l.c.l., divd.....lb. .15½- .15¾
nonchalking,[1,5] bgs., c.l., divd. E..lb. .16½- —
l.c.l., divd.....lb. .16¾- .17¼
plain,[5] bgs., c.l., divd.....lb. .14½- —
l.c.l., divd.....lb. .14¾- .15¼
Hydrice, cns., works.....lb. 7.00 - 8.00
Pigment, barium base,[1,4] bgs., c.l., divd..lb. .05¾7 —
l.c.l., divd.....lb. .06 - —
Calcium base,[1,4] bgs., c.l., divd..lb. .05½- —
l.c.l., divd.....lb. .05¾- —
Calcium-rutile base, [1,4] bgs., c.l., divd..lb. .05½- —
l.c.l., divd.....lb. .05¾- —
Magnesium base,[1,4] bgs., c.l., divd..lb. .05¾- —
l.c.l., divd.....lb. .06 - —
Titanium dioxide and pigment in bbls., ¼c. higher; Pac. coast ¼c. higher, c.l., divd., l.c.l., ex whse.
Tetrachloride, CP, 55-gal. dms., works..lb. .57 - —
smaller pkgs., works..lb. .65 - 1.22
technical, 55-gal. dms., works, lb. .32 - —
smaller pkgs., works.....lb. .40 - 1.00
Tolu balsam, cns.....lb. .78 - .82
Toluidin base, distilled, kgs....lb. .96 - —
Toluene (see Toluol).
Toluol[6] (toluene), 2° indus., dms., return, works..gal. .33 - —
tanks, E. of Omaha, frt. alld. 2c. per gal..gal. .28 - —
West Minnequa, Colo..gal. .28 - —
1° nitration, ret. dms., works, gal. .34½- —
tanks, E. of Omaha, frt. alld. to 2c. per gal..gal. .29½- —
West Minnequa, Colo..gal. .29½- —
Tonga, 50% bark and vine, bbls., lb. .90 - .91
Tonka beans, Angostura, cks..lb. 1.50 - 1.60
Brazilian, Surinam, cs.....lb. .80 - .85
Totaquine,[1,6] USP XII, 100 ozs., cs. .52 - —
Triacetin, dms., works.....lb. .27 - .32
Triamylamine, dms., c.l., works, lb. .98 - —
l.c.l. .....lb. 1.01 - —
Tributyl citrate, 475-lb. dms...lb. .29 - .31
smaller pkgs.....lb. .34 - .40
Phosphate, cns., l.c.l., divd..lb. .53 - .55
dms., l.c.l.. divd.....lb. .49 - —
Tributylamine, dms., c.l., works, lb. .78 - —
l.c.l., same basis.....lb. .81 - —
Trichlorobenzene, dms., c.l., frt. alld..lb. .06 - —
l.c.l., same basis.....lb. .08½- —
tanks, same basis.....lb. .07½- —
Trichloroethane, dms., c.l., works, lb. .16 - —
l.c.l., works.....lb. .17 - —
Trichloroethylene,[6] dms., c.l., Zone 1, works, frt. alld....lb. .08 - —
Zone 2, same basis.....lb. .08½- —
Zone 3, same basis.....lb. .09 - —
Zone 4, ex whse.....lb. .09 - —

Trichloroethylene, l.c.l., prices, ½c. higher. Zones are—(1) Conn., Del., Ill., Ind., Ia., Ky., Me., Md., Mass., Mich., Minn., Mo., N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., W. Va., Wis., Omaha, K. C., Kan.; (2) Ala., Ark., Fla., Ga., Kan., La., Miss., Neb., N. D., Okla., S. C., S. D.; (3) Col., Mont. (E), N. M., Tex., Wyo.; (4) Ariz., Cal., Idaho, Mont. (W), Nev., Ore., Utah, Wash.

Tricresyl phosphate,[6] tech., cns., works..lb. .28 - .29½
dms., c.l., divd.....lb. .25 - —
l.c.l., divd.....lb. .25½- —
tanks, divd. .....lb. .24 - —
Triethanolamine,[6] dms., c.l., frt. alld. in E..lb. .19½- —
l.c.l., same basis.....lb. .20½- —
tanks, same basis.....lb. .18½- —
Triethyl phosphate, cns.....lb. .40 - —
Triethylamine, dms., works...lb. 1.16 - —
Triethylenegiycol,[6] dms., c.l., frt. alld. in E..lb. .18½- —
l.c.l., same basis.....lb. .19½- —
tanks, same basis.....lb. .17½- —
Trimethylamine, dms., c.l., divd. lb. .85 - —
l.c.l., divd.....lb. .90 - —
Trimethylolpropane, bbls.....lb. .65 - —
Triphenyl phosphate,[3] bbls....lb. .31 - .32
Tripoli, air-floated, bgs., c.l., works..ton.21.50 - —
double grd., bgs., c.l., works.. ton.17.50 - —
once-grd., bgs., c.l., works..ton.16.00 - —
Trisodium phosphate (see Soda phosphate, tribasic).
Tuba root,[3,4] (see Cube root).
Tungsten metal, powd.,[3] 99-99.7%, dms., works..lb. 2.60 - 5.40
Oxide, kgs.....lb. No prices.
Turmeric root, Alleppey, bls..lb. .12 - .12½
Haitian, bls., Miami or New Orleans..lb. .09 - .09½
Madras, bgs.....lb. .12 Nom.
Turpentine, gum, ret. dms...gal. .90 - .91
sulphate-wood, ret. dms....gal. .65½- .76
wood,[1] d.d., dms., East.....gal. .65 - .70
tanks .....gal. .60 - —
steam-dist., ret. dms.....gal. .80 - .83
tanks .....gal. .74 - .75

U

Unicorn root, false (see Helonias root)
True (see Aletris root).
Uranium,[6] oxide, black, bgs...lb. 2.55 - —
yellow, kgs.....lb. 1.65 - —
Urea, dom., 46% N., bgs., c.l., works or ship. pts..ton.75.00 - —
l.c.l., ship. pts.....ton.77.50 -85.00
import, pure, cs.....lb. .12 - —
Fertilizer compn., 42% N., bulk, c.l., works or A. or G. ports. ton.57.40 - —
Urea-ammonia liquor (A and B), free ammonia content, Belle, W. Va., freight equalized with Hopewell, Va..ton.69.00 - —
fixed ammonia content, Belle, W. Va., freight equalized with Hopevillc, Va., NH_3, ton.112.80 - —
usual Atla. and Gulf ports, NH_3..ton.116.80 - —

C and D prices are $1.20 per ton of nitrogen higher than the A and B respectively for the same destinations.

Uva ursi leaves, bls.....lb. .19 - .20

LET'S GIVE UNCLE SAM THE BEST

SPECIFICATION WHITE and TINTED INTERIOR PRIMERS and FINISHES

TT-P-47
TT-P-51a
TT-E-506a
TT-P-56

TITANOX-RC HT *(rutile calcium pigment, high tinting)* is a "natural" for such specification coatings as interior one-coat flat paint, interior eggshell flat paint, interior gloss enamel and plaster primer. You may use it in your formulations with assurance of complete satisfaction.

All four specifications covering these coatings call for definite performance as regards hiding and brightness such as TITANOX-RC HT produces.

It is the high hiding, with consequent economy, of this modern rutile pigment, plus its whiteness and brightness, that have made it the outstanding favorite in both war and civilian paints.

Are you getting its benefits?

Our Paint Service Department will gladly cooperate in solving all problems involving the use of white pigments.

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TITANIUM PIGMENT CORPORATION
SOLE SALES AGENT
111 Broadway, New York 6, N. Y.
104 So. Michigan Ave., Chicago 3, Ill.
350 Townsend St., San Francisco 7, Cal.
2472 Enterprise St., Los Angeles 21, Cal.

V

Valerian root, NF, bls.....lb. .52 - .68
Valonia, beards, bgs., f.a.s...ton. No prices
Cups, bgs., f.a.s.....ton. No prices
Vanadium pentoxide, CP, bgs., cns., works..lb. 7.00 - —
tech., dms., works.....lb. 1.10 - —
Vanillin beans,[1] Bourbon, tins.lb. 7.75 - 8.50
Mexican, cuts, tins.....lb. 9.50 -10.00
whole, tins.....lb.10.50 -11.00
Tahiti, white label, tins...lb. 3.50 - 3.75
yellow label, tins.....lb. 3.25 - 3.50
West Indian, tins.....lb. No stocks
Vanillin,[1] ex eugenol, 25 lbs. or more, tins..lb. 2.60 - —
smaller lots.....lb. 2.65 - 2.75
ex guaiacol, 25 lbs. or more, tins..lb. 2.35 - —
smaller lots, tins.....lb. 2.40 - 2.50
ex lignin, 25 lbs. or more, tins. lb. 2.35 - —
smaller lots, tins.....lb. 2.40 - 2.50
Venice turpentine, artif., cns..lb. .24 - .25
Verdigris, bbls., bgs.....lb. .22 - .23
Vinyl acetate,[6] cbys., works...lb. .25 - —
dms., c.l., works.....lb. .15 - —
l.c.l., works.....lb. .16 - —
smaller pkgs., l.c.l., works, lb. .25 - —
Ether, bots., 75 c.c., less 20% and 20%..bot. 1.50 - —
50 c.c., same basis.....bot. 1.05 - —
25 c.c., same basis.....bot. .65 - —
Trichloride (see Trichloroethane).
Vinylpyridin, ret. dms., works.lb. 1.50 - —
Viosterol (irradiated ergosterol), bots., mil. units. .10 - .14
Vitamin A (see Oils, codliver, halibut-liver).
B, (see Thiamine hydrochloride).
B_2 (see Riboflavin).
B complex, natural (see Rice bran and Yeast).
C (see Acid, ascorbic).
D (see Oils, codliver, halibut-liver, viosterol)
E (see Alphatocopherol).
G (see Riboflavin).
P-P (see Acid, nicotinic, and Nicotinamide)
Violet, methyl, toner (see M).
V.M.P. naphtha (see Petroleum naphtha, v.m.p.).

W

Wahoo root bark, bls.....lb. .55 - .60
Wattle bark,[1] E. African, bgs., f.a.s...ton.53.00 - —
S. Afr., bgs., f.a.s.....ton.53.00 - —
Extract,[1] liquid, 35% tannin, bbls., works..lb. .05¼- .06¼
tanks .....lb. .04¾- .05¼
solid, E. Afr., 61% tannin, ex dock..lb. .05595- .05845
S. Afr., tannin, ex dock, lb. .0572- .0597
Wax, amorphous (see Wax, micro-crystalline).
Bayberry, bgs.....lb. No stocks.
Bees,[1] bleached, USP, white, bricks, bgs., ton..lb. .58 - —
discs or cakes, bgs., ton, lb. .60 - —
ctns., ton.....lb. .61 - .63
slabs, bgs., ton.....lb. .57 - —
crude, pure, African, bgs., ton..lb. .40 - —
smaller lots.....lb. .41 - .43
Western hemisphere, bgs., ton..lb. .44¾ Nom.
ref'd, USP, bricks, bgs., ton, lb. .53½- —
discs, bgs., ton.....lb. .55½- —
ctns., ton.....lb. .56½- .58½
rounds or squares, bgs., ton..lb. .57½- —
ctns., ton.....lb. .58½- .60½
slabs, bgs., ton.....lb. .52½- —
Candelilla,[1] crude, bgs., ton, lb. .33 - —
Candelilla, powdered, 20 mesh, 5c. per lb. extra; 80 mesh, 5½c.; 100-200 mesh, 6c.
refined, bgs., ton.....lb. .41 - —
smaller lots .....lb. .45 - .54
Carnauba,[1] chalky, No. 3, bgs., ton..lb. .71¼- —
smaller lots .....lb. .72¼- .81¼
North Country, No. 2, bgs., ton..lb. .75¾- —
smaller lots .....lb. .76¾- .85¼
No. 3, bgs., ton.....lb. .73½- —
smaller lots .....lb. .74½- .83½
refined, bgs., ton.....lb. .76¾- .80
smaller lots .....lb. .77¾- .90
yellow, No. 1, bgs., ton.....lb. .83¼- —
smaller lots.....lb. .84¼- .93¼
No. 2, bgs., ton.....lb. .81¼- —
smaller lots .....lb. .82¾- .91¼
No. 3, bgs., ton.....lb. .79 - —
smaller lots .....lb. .80 - .89
Carnauba wax, powdered (same differentials as candelilla).
Ceresin, dom., 138°-140° m.p., bgs., 1 ton..lb. .13½- .14
jobbing lots .....lb. .14½- .15
150°-160° m.p., bgs., 1 ton, lb. .15½- .16
jobbing lots .....lb. .16½- .17
160°-170° m.p., bgs., 1 ton.. lb. .16½- .17
jobbing lots .....lb. .17½- .18
Japan, cs. .....lb. No stocks.
Micro-crystalline, 170°-175° m.p., A.S.T.M., amber, ctns., 30 tons yearly, contract, group 3, works..lb. .14¼- —
smaller lots, same basis, lb. .14½- .15¼
black, ctns., 30 tons, same basis..lb. .12¾- —
smaller lots, same basis, lb. .13 - .13¾
190°-195° m.p., A.S.T.M., amber, ctns., 30 tons, same basis..lb. .16¼- —
smaller lots, same basis, lb. .16½- .17½
190-195 m.p., ASTM, black, ctns., 30 tons, same basis. lb. .14¾- —
smaller lots, same basis, lb. .15 - .15¾
white, ctns., 30 tons, same basis..lb. .28¾- —
smaller lots, same basis. lb. .29 - .29¼
Montan, domestic, bgs.....lb. .30 - .35
Ouricury,[1] bgs., ton.....lb. .49½- .51¾
smaller lots.....lb. .50½- .61¾
refined, bgs., ton.....lb. .62 - —
smaller lots.....lb. .63 - .72
powdered ouricury prices same as candelilla.
Paraffin (see P).
Spermaceti, blocks, cs.....lb. .26 - .27
cakes, cs.....lb. .27 - .28
White lead (see Lead, white).
White pine bark, rossed, bls...lb. .14 - .15
White precipitate,[3] powd., dms., 50 lbs. or more..lb. 2.60 - —
Whiting, chalk, dry-grd., bgs., c.l..ton.18.00 -22.00
l.c.l. .....ton.20.00 -24.00
wet-ground, bgs., c.l.....ton.21.00 -25.00
l.c.l. .....ton.25.00 -29.00
gilders, bolted, bgs., c.l.ton.20.00 -24.00
l.c.l. .....ton.21.00 -25.00
extra-bolted, bgs., c.l..ton.22.00 -26.00
l.c.l. .....ton.23.00 -27.00

—Continued on page 58

Synthetic Resins and other Branded Paint Materials (Manufacturers' List Prices)

A

Abalyn (see methyl abietate in Current Market Quotations)

Acryloid, A-10, bbls., c.l.....lb. .36 - —
1-10-drum lots.....lb. .37 - .38
B-72, bbls., c.l.....lb. .44 - —
1-10-drum lots.....lb. .45 - .46
C-10, bbls., c.l.....lb. .28 - —
1-10-drum lots.....lb. .29 - .30
F-10, bbls., c.l.....lb. .46 - —
1-10-drum lots.....lb. .47 - .48
Acrysol, C-9, bbls., 1-10-drum lots..lb. .27½- .28
ER, bbls., 1-10-drum lots...lb. .50 - .58

Acryloid and acrysol prices are f.o.b. manufacturer's plant, with minimum transportation charges allowed to destination on shipments of one barrel or more in the following States and cities:—New England and Middle Atlantic States, Virginia, West Virginia, North Carolina, Kentucky, Ohio, Michigan, Indiana, Illinois, Wisconsin, St. Paul and Minneapolis, Minn.; St. Louis, Mo.; and Montreal and Toronto, Canada.

Amberlac B-94 (80% in xylol), bbls., c.l..lb. .22 - —
l.c.l. .....lb. .22½- —
80-X, bbls., c.l.....lb. .18½- —
l.c.l. .....lb. .19 - —
81-X, bbls., c.l.....lb. .18 - —
l.c.l. .....lb. .18½- —
80-MT, bbls., c.l.....lb. .16 - —
l.c.l. .....lb. .16½- —
Amberol, phenol formaldehyde type, F-7, light, bbls., c.l., lb. .16 - —
l.c.l. .....lb. .16½- —
dark, bbls., c.l.....lb. .15½- —
l.c.l. .....lb. .16 - —
F-71, bbls., c.l.....lb. .16 - —
l.c.l. .....lb. .16½- —
F-77, bbls., c.l.....lb. .18½- —
l.c.l. .....lb. .19 - —
K-12-A, bbls., c.l.....lb. .17 - —
l.c.l. .....lb. .17½- —
B/S-1, light, bbls., c.l.....lb. .15 - —
l.c.l. .....lb. .15½- —
dark, bbls., c.l.....lb. .18½- —
l.c.l. .....lb. .19 - —
M-88, bbls., c.l.....lb. .17½- —
l.c.l. .....lb. .18 - —
M-93, bbls., c.l.....lb. .18½- —
l.c.l. .....lb. .19 - —
226, bbls., c.l.....lb. .22½- —
l.c.l. .....lb. .23 - —
ST-137, bbls., c.l.....lb. .33 - —
l.c.l. .....lb. .33½- —
ST-137X, bbls., c.l.....lb. .32 - —
l.c.l. .....lb. .32½- —
HH-1 (70% in toluol), bbls., c.l..lb. .33 - —
l.c.l. .....lb. .35 - —
rosin, maleic type, 800, extra light and light, bbls., c.l.lb. .15 - —
l.c.l. .....lb. .15½- —
801, extra light and light, bbls., c.l..lb. .16 - —
l.c.l. .....lb. .16½- —
801-P, bbls., c.l.....lb. .15 - —
l.c.l. .....lb. .15½- —
806-P, bbls., c.l.....lb. .15½- —
l.c.l. .....lb. .16 - —
808, bbls., c.l.....lb. .16½- —
l.c.l. .....lb. .17 - —
820, bbls., c.l.....lb. .18 - —
l.c.l. .....lb. .18½- —
925, bbls., c.l.....lb. .14 - —
l.c.l. .....lb. .14½- —
926, bbls., c.l.....lb. .14½- —
l.c.l. .....lb. .15 - —
750, bbls., c.l.....lb. .27 - —
l.c.l. .....lb. .27½- —

Amberol and Amberlac prices are f.o.b. manufacturer's plant, with minimum transportation charges allowed to destination on shipments of one barrel or more in the following States and cities:—New England and Middle Atlantic States, Virginia, West Virginia, North Carolina, Kentucky, Ohio, Michigan, Indiana, Illinois, Wisconsin, St. Paul and Minneapolis, Minn.; St. Louis, Mo.; and Montreal and Toronto, Canada.

Aroclors, distilled, dms., c.l, works..lb. .18 - —
ton lots, works.....lb. .18½- —
single dms., works.....lb. .19 - —
undistilled, dms., c.l., works..lb. .18½- —
ton lots, works.....lb. .16 - —
single dms., works.....lb. .16½- —

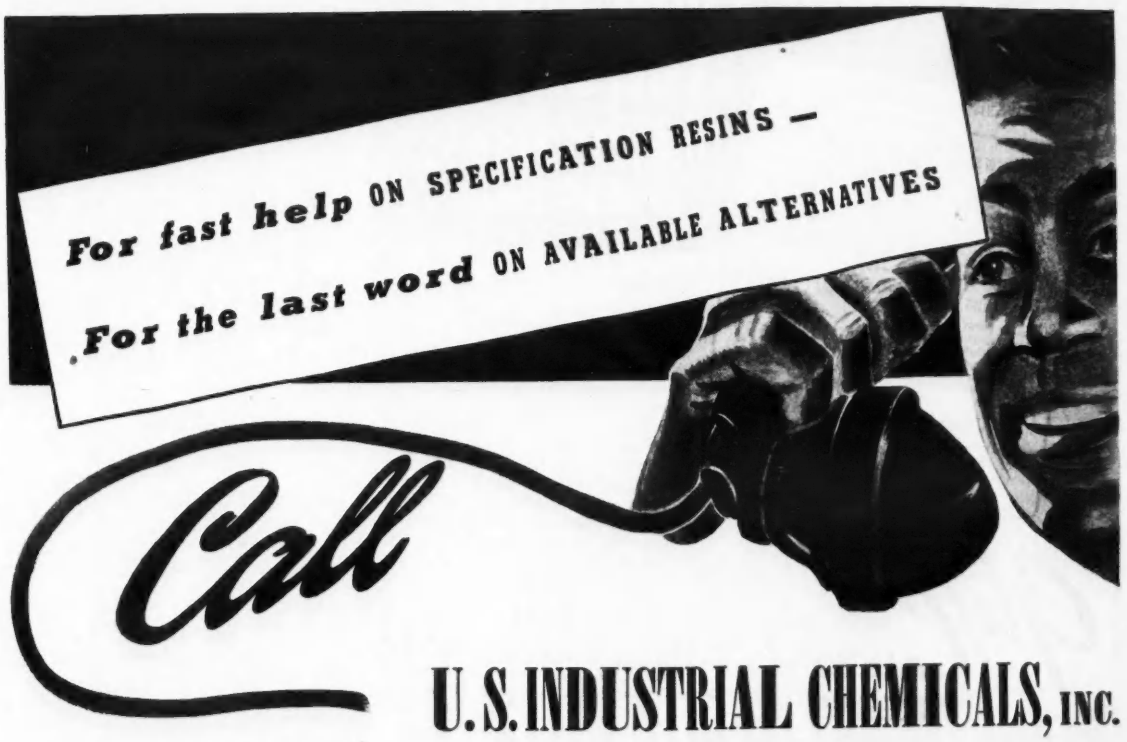
B

Bakelite, 100% paraphenyl phenol resin, pale, non-heat hardening BR-254, non-ret bbls., ton, works..lb. .32 - —
single dm. and less, works..lb. .33½- .36
phenolic, pale, non-heat hardening, BR-9432, non-ret. bbls., works..lb. .31 - —
single dm. and less, works..lb. .31½- .34
BR-4036, non-ret. bbls., ton, works..lb. .37 - —
single dm. and less, works..lb. .37½- .40
BR-17700, non-ret. bbls., ton, works..lb. .32½- —
single dm. and less..lb. .33 - .35¼
dark, non-heat hardening, BR-1329, non-ret. bbls., ton, works..lb. .29 - —
single dm. and less, works..lb. .29½- .32
BR-9434, non-ret. bbls., ton, works..lb. .25½- —
single dm. and less, works..lb. .26 - .28½
BR-9476, dms., non-ret. bbls., ton, works..lb. .29 - —
single dm. and less, works..lb. .29½- .32
pale, heat-hardening, BR-3360, non-ret. bbls., ton..lb. .36 - —
single dm. and less, works..lb. .36½- .39
BR-10282, non-ret. bbls., ton, works..lb. .32 - —
single dm. and less, works..lb. .32½- .35
BR-14634, non-ret. bbls., ton, works..lb. .30 - —
single dm. and less, works..lb. .30½- .33
phenolic resins, oil modified, BR-302, non-ret. dms., ton, works..lb. .346 - —
single kg. and less, works..lb. .351 - .376
BR-2175 (MTO), non-ret. kegs, ton, works..lb. .38 - —
single dm. and less, works, lb. .38½- .41
resin-baking types, BV-1600, ret. dms., ton, works..lb. .30 - —
single dm. and less, works..lb. .30½- .33
BV-8906 (MTO), non-ret. dms., ton, works..lb. .20 - —
single dm. and less, works..lb. .20½- .23
BV-10673, ret. dms., ton, works..lb. .35 - —
single dm. and less, works..lb. .35½- .38
BV-16607 (MTO), non-ret. dms., ton, works..lb. .212 - —
single dm. and less, works, lb. .217 - .242
dispersion resins, phenolic, BK-3962-X, non-ret. dms., ton, works..lb. .277 - —
single dm. and less..lb. .282 - .307
BK-16700, non-ret. dms., ton, works..lb. .27 - —
single dm. and less..lb. .27½- .30
non-phenolic, XK-16624, non-ret. dms, ton, works, lb. .22½- —
single dm. and less....lb. .23 - .25½
resin modified, BR-2072, non-ret. bbls, ton, works..lb. .23 - —
single dm. and less, works, lb. .23½- .26
BR-2963, non-ret. bbls., ton, works..lb. .22 - —
single dm. and less, works, lb. .22½- .25
BR-11504, non-ret. bbls., ton, works..lb. .18 - —
single dm. and less.....lb. .18½- .21
BR-11544, non-ret. bbls., ton, works..lb. .18 - —
single dm. and less..lb. .18½- .21
phenolic lacquer resins and solutions, XR-3180, non-ret. dms., ton, works..lb. .45 - —
single dm. and less..lb. .45½- .48
XR-4357, non-ret. dms., ton, works..lb. .45 - —
single dm. and less, works..lb. .45½- .48
Bakelite, phenolic lacquer resins, solutions, BR-9366, non-ret. bbls., ton, works.lb. .18½- —
single dm. and less..lb. .19 - .21½
BJ-10433, ret. dms., ton, works..lb. .37 - —
single dm. and less..lb. .37½- .40
BJ-15408, non-ret. dms., ton, works..lb. .24 - —
single dm. and less..lb. .24½- .27
BR-10433, non-ret. bbls., ton, works..lb. .37 - —
single dm. and less.....lb. .37½- .40
BJ-15408, ret. dms., ton, works..lb. .24 - —
single dm. and less..lb. .24½- .27
BR-9366, non-ret. bbls., ton, works..lb. .18½- —
single dm. and less..lb. .19 - .21½
phenolic resins, rosin reactive, XR-15775, non-ret. dms., ton, works..lb. .33½- —
single dm. and less..lb. .34 - .36½
XR-15778, non-ret. dms., ton, works..lb. .50 - —
single dm. and less, works..lb. .50½- .53
glycerine reactive, BR-10025, non-ret. bbls., ton, works..lb. .28 - —
single dm. and less, works..lb. .28½- —
single dm. and less..lb. .28½- .31
C-9 resins, solid types, BR-13202, non-ret. bbls., ton, works, lb. .15 - —
single dm. and less..lb. .15½- .18
BR-13260, non-ret. bbls., ton, works..lb. .37 - —
single dm. and less.....lb. .37½- .40
liquid types, C-9 resins, oil modified, BR-14590, non-ret. dms., ton, works..lb. .26 - —
single dm. and less, lb. .26½- .29
XR-15780, non-ret. dms., ton, works..lb. .34 - —
single dm. and less..lb. .34½- .37
BR-16640, non-ret. dms., ton, works..lb. .34 - —
single dm. and less..lb. .34½- .37
C-9 resins, lacquer types XJ-16580, ret. dms., ton, lb. .26 - —
single dm. and less..lb. .26½- .29
XR-15840, single dm. and less..lb. .34½- .37

Bakelite prices are f.o.b. manufacturer's plant or warehouse; minimum transportation charges prepaid on units of standard drums or over to destination in United States except as follows:—add 1c. per pound for delivery to Arizona, California, Colorado, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington and Wyoming.

Made-to-order materials marked (MTO) are those which are not stock materials (not stocked because of changes that occur in physical properties when stored for any length of time) and which therefore have to be manufactured upon receipt of orders and allocation of raw materials.

Beckacite, 1100 M-K, dms., c.l.lb. .15½- —
l.c.l., same basis.....lb. .16 - .16½
1102, M-K, dms., c.l.....lb. .14 - —
l.c.l., same basis.....lb. .14½- .15
1112, WG-N, dms., c.l.....lb. .16 - —
l.c.l., same basis.....lb. .16½- .17
1116, K-1, dms., c.l., same basis lb. .16½- —
l.c.l., same basis.....lb. .17 - .17½
1123, dms., c.l.....lb. .15½- —
l.c.l., same basis.....lb. .16 - .16½
1124, M-K; P-306, M-K, dms., c.l..lb. .14½- —
l.c.l., same basis.....lb. .15 - .15½
P-405, N-K, dms., c.l.....lb. .14½- —
l.c.l., same basis.....lb. .15 - .15½
1110, N-M, dms., c.l.....lb. .13½- —
l.c.l., same basis.....lb. .14 - .14½
1111, WG-N, No. 1120, M-K, dms., l.c..lb. .15 - —
l.c.l., same basis.....lb. .15½- .16
Beckamine, P-2, works, dms., c.l..lb. .11½- —
l.c.l., same basis.....lb. .12 - .12½
P-138, works, dms., c.l.....lb. .22 - —
l.c.l., same basis.....lb. .22½- .23
P-196, dms., c.l.....lb. .26 - —
l.c.l., same basis.....lb. .26½- .27
P-198, accelerator, works, dms., c.l..lb. .28 - —
l.c.l., same basis.....lb. .28½- .29
P-854, works, dms., c.l.....lb. .20½- —
l.c.l., same basis.....lb. .21 - .21½
P-364, works, dms., c.l.....lb. .13½- —
l.c.l., same basis.....lb. .13½- .14



U.S. INDUSTRIAL CHEMICALS, INC.

60 EAST 42nd St., NEW YORK 17, N. Y.
Branches in all principal cities

RESINS (Natural and Synthetic), CHEMICALS, SOLVENTS

OPD—6-4-1945

Durez RESIN NEWS

Durez 209 Resin

Durez 209 Resin, because of its unique properties, can be utilized in many more different types of products than any other Durez coating resin.

The resin has excellent color, good hardness and water resistance, and is compatible with a wide range of materials. It can be used to advantage in varnishes, enamel and flat paint liquids—either cooked or cold cut; in gloss oils; in shellac and manila substitutes, and for blending with these materials; in inks of the solvent and oil types; in alkyd blending; in lacquers based on cellulose derivatives; in asphaltum paints; and with carnauba or candellila waxes in no-rub floor waxes.

Marine White

As a result of the phthalic anhydride shortage, the use of Maritime Commission Specification 52-A-1 Class XVI Gloss White in some instances is allowed in place of Maritime Commission Specification 52-MC-30 which is based on an alkyd.

The MC52-A-1 Class XVI Gloss White uses a vehicle based on a blend of 52-MC-7 spar varnish and linseed oil. The use of Durez 220, a pale, high-melting resin, with dehydrated castor oil produces a highly satisfactory specification spar varnish which when blended with linseed oil yields a gloss white enamel meeting all requirements of the MC52-A-1 Class XVI specification.

The 52-MC-7 spar varnish made with Durez 220 Resin is V-50920.

Rubbing Varnish

The several very important properties required in rubbing varnishes are conveyed by Durez 11036 Resin. This is a high-melting, high-viscosity, fast-drying isomerized terpene phenolic resin which works well with either hard or soft oils.

When used with tung oil, as in formula V-51026, the Durez 11036 Resin produces good viscosity at 40% non-volatile content, very fast set and dry, excellent hardness and adhesion, and exceptional water resistance. The resistance to alcohol is good, and the film can be successfully rubbed under good drying conditions in three to five hours.

Fast-Drying Enamel

White and colored enamels which dry tack-free in three to four hours can be produced from a vehicle based on Durez 202 Resin, ester gum, and tung oil.

Enamels made with the vehicle, which is covered by formula V-51075, have fair ease of application despite the very fast dry and have excellent initial gloss and retention of gloss on aging. They are resistant to washing and have a high degree of toughness.

The V-51075 also serves as a very fast-drying, durable varnish for floors, woodwork, and furniture.

Lacquer

Durez 50800, a liquid resin, can be used with nitrocellulose in lacquers to give many of the properties conveyed by a brittle lacquer resin.

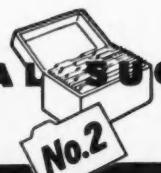
The Durez 50800 Resin is compatible with nitrocellulose and soluble in lacquer solvents. It produces clear, stable lacquers and films which are smooth and clear. It promotes adhesion, and dry and water resistance are comparable to those obtained with conventional lacquer resin.

For samples or further information on above Durez resins, write to . . .

DUREZ PLASTICS & CHEMICALS, INC.
386 Walck Rd., North Tonawanda, N. Y.

DUREZ
RESINS THAT FIT THE JOB

GLYPTAL SUGGESTIONS



FOR MAKING MOBILE EQUIPMENT FINISHES

Use ZV-3550 or ZV-3560

COMPARISON OF PROPERTIES

CONSTANTS OF SOLUTIONS	ZV-3550	ZV-3560
Solids content	49-51%	59-61%
Solvent	Pet. Spirits	Pet. Spirits
Flash Pt. C.C. °F	100	100
Viscosity (G-H)	Z-Z2	V-X*
Color (Hellige)	3-5	3-5
Acid No. of solution	4-5	4-6
Aliphatic solvent tolerance	Excellent	Excellent
Pigment compatibility	Excellent	Excellent
Solids at C.E. viscosity	35%	40%*
RESINS SOLIDS CONSTANTS		
Specific gravity	1.10	1.08
Gallons per pound	0.109	0.110
Phthalic anhydride	30-31%	15-16%
Resin or derivatives	Mana	Present
Phenolic content	None	None
Oil acids content	52%	52%
Type of oil	Dehydrated caster and linseed	

*ZV-3560 is also available with a viscosity (G-H) of Z-Z1, and solids of 35% at C.E viscosity. It is designated ZV-3560 H.V.

These Glyptal Alkyd Resins were designed to meet Army specifications for primers and finishes on mobile equipment. They are recommended for the following specifications: 3-171; 3-172A; 3-173; 3-174; and 3-175A. ZV-3550 is suggested as the Grade 1 vehicle; ZV-3560 as the Grade 11 vehicle. (Where use of a lower viscosity resin is indicated, Glyptal Alkyd Resin ZV-3202 meets the requirements as the Grade 1 vehicle.)

Glyptal ALKYD RESINS

SAMPLES ON REQUEST: Samples of these resins are available when requested on your firm's letter head from Section RIMA-451-27, Resin and Insulation Materials Division, General Electric Company, Schenectady 5, New York.

GENERAL ELECTRIC

Beckopol, 1400 M-K, dms., c.l.	lb.	.18½-	—
l.c.l., same basis	lb.	.19 -	.19½
Beckosol, solid, No. 18, 4-5 (80% M.S.), dms., c.l.	lb.	.26 -	—
l.c.l. same basis	lb.	.27 -	.28
No. 24, 4-5L (80% toluol), dms., c.l.	lb.	.32 -	—
l.c.l., same basis	lb.	.34 -	.35
No. 36, 4-6 (60% toluol), dms., c.l.	lb.	.38 -	—
l.c.l., same basis	lb.	.39 -	.40

C

Cumar resin, AX, non-ret. drums. net weight	lb.	.06¾-	—
BX, net weight	lb.	.06¼-	—
CX, gross weight	lb.	.05¾-	—
DX, gross weight	lb.	.05½-	—
EX, gross weight	lb.	.05¼-	—
FX, gross weight	lb.	.05-	—
MH, col. 1	lb.	.11¾-	—
1½-2	lb.	.10¾-	—
2½-3½	lb.	.09¾-	—
9	lb.	.06½-	—
MS	lb.	.10¾-	—
P 10°-90° C., col. 2½ and darker,	lb.	.10¾-	—
RH	lb.	.10¾-	—
RS	lb.	.10¾-	—
V col. ⅛	lb.	.12¾-	—
1	lb.	.11¾-	—
1½-2	lb.	.10¾-	—
2½ and darker	lb.	.09¾-	—
W col. ⅛	lb.	.12¼-	—
1	lb.	.12½-	—
1½-2	lb.	.11¼-	—
2½ and darker	lb.	.10¼-	—

All "P" grades with melting point below 80 degrees C., and grades AX and BX are shipped in steel drums, with the two last-mentioned grades reckoned on a net weight basis. All other grades are shipped in destructible fiber and metal drums, but their packaging is subject to change without notice. Prices are based on f.o.b. plant at Frankford, Pa., freight equalized with Pittsburgh, with no revisions for shipments made in fiber containers.

D

Duraplex, A-25, 60%, bbls., c.l.	lb.	.19½-	—
l.c.l.	lb.	.20 -	—
A-27, 60%, bbls., c.l.	lb.	.19½-	—
l.c.l.	lb.	.20 -	—
C-45, 60%, bbls., c.l.	lb.	.17 -	—
l.c.l.	lb.	.17½-	—
C-45, LV, 100%, bbls., c.l.	lb.	.24 -	—
l.c.l.	lb.	.24¾-	—
C-49, 60%, bbls., c.l.	lb.	.19 -	—
l.c.l.	lb.	.19½-	—
ND-77, 60%, bbls., c.l.	lb.	.19 -	—
l.c.l.	lb.	.19½-	—
AL-210, 100%, bbls., c.l.	lb.	.17 -	—
l.c.l.	lb.	.17½-	—

Duraplex prices are f.o.b. manufacturer's plant, with minimum transportation charges allowed to destination on shipments of one barrel or more in the following states and cities: New England and Middle Atlantic States, Virginia, West Virginia, North Carolina, Kentucky, Ohio, Michigan, Indiana, Illinois, Wisconsin, St. Paul and Minneapolis, Minn., St. Louis, Mo., and Montreal and Toronto, Canada.

Durite, 1301, pale, one drum and over	lb.	.29 -	—
smaller lots	lb.	.30 -	—

Durite prices are f.o.b. Phila., Pa., with freight allowed east of Rocky Mts.

E

Esterol, alkyd solution, A, dms., c.l., dlvd.	lb.	.15½-	—
l.c.l.	lb.	.16 -	—
22-B, c.l., dlvd.	lb.	.10½-	—
l.c.l.	lb.	.11 -	—
33, c.l., any quantity, dlvd.	lb.	.15 -	—
562, c.l., dlvd.	lb.	.16½-	—
l.c.l.	lb.	.17 -	—
660-N, c.l., dlvd.	lb.	.15 -	—
l.c.l.	lb.	.15½-	—
750, any quantity, dlvd.	lb.	.15 -	—
2185, c.l., dlvd.	lb.	.15 -	—
l.c.l.	lb.	.15½-	—
2195, c.l., dlvd.	lb.	.16 -	—
l.c.l.	lb.	.16½-	—
2600, c.l., dlvd.	lb.	.18 -	—
l.c.l.	lb.	.18½-	—
3172, c.l., dlvd.	lb.	.14½-	—
l.c.l.	lb.	.15 -	—
4040, c.l., dlvd.	lb.	.15 -	—
l.c.l.	lb.	.15½-	—
4052-B, any quantity, dlvd.	lb.	.12 -	—
5141, c.l., dlvd.	lb.	.11¼-	—
l.c.l.	lb.	.12 -	—

F

Flexalyn solution, non-ret. black iron dms., c.l., f.o.b. cars, destination, zone 1	lb.	.1250-	—
l.c.l., 10 dms., same basis	lb.	.1325-	—
single dms., same basis	lb.	.1475-	—
smaller lots, same basis	lb.	.1975-	—
C, non-ret. black iron dms., c.l., f.o.b. cars, destination, zone 1	lb.	.1175-	—
10 dms., same basis	lb.	.1250-	—
single dms., same basis	lb.	.1400-	—
smaller lots, same basis	lb.	.1900-	—

G

G, resin, dms., gross weight, works.	lb.	.08 -	—
Geon polyvinyl resins, Nos. 101 and 102, 30,000 lbs, works.	lb.	.35 -	—
5,000 to 29,999 lbs., same basis	lb.	.36 -	—
200 to 4,999 lbs., same basis,	lb.	.38 -	—
up to 199 lbs., same basis	lb.	.52 -	—
No. 202, 30,000 lbs., works.	lb.	.40 -	—
5,000 to 29,999 lbs., same basis	lb.	.41 -	—
200 to 4,999 lbs., same basis,	lb.	.43 -	—
up to 199 lbs., same basis	lb.	.58 -	—
No. 203, 30,000 lbs., works.	lb.	.42 -	—
5,000 to 29,999 lbs., same basis	lb.	.43 -	—
200 to 4,999 lbs., same basis,	lb.	.45 -	—
up to 199 lbs., same basis	lb.	.60 -	—
Guai-a-phene, dms. (dm. deposit $6.00), works.	gal.	2.47 -	—
4 gals. or multiples, glass jars, 4 jars in each paper carton, works.	lb.	2.62 -	—
1-3 gals., cns., works.	gal.	2.82 -	—

H

Hercolyn (see methyl abietate hydrogenated) in Current Market Quotations.			

J

Jonite (see zinc-iron oxide pigment in regular list above).			

K

Kopol, 500, esterfied, D-B, c.l.	lb.	.22 -	—
l.c.l.	lb.	.23½-	.28
501, fused, c.l.	lb.	.20 -	—
l.c.l.	lb.	.20½-	.21

L

Lewisol resin, 2 L, non-returnable light-gauge steel dms., c.l., f.o.b. cars, destination, zone 1	lb.	.16½-	—
l.c.l., 10 dms., same basis	lb.	.17 -	—
1 dm., same basis	lb.	.17½-	—
smaller lots, same basis	lb.	.22½-	—
28, non-returnable light gauge steel dms., c.l., f.o.b. cars, destination, zone 1	lb.	.16½-	—
10 dms., same basis	lb.	.17 -	—
1 dm., same basis	lb.	.17½-	—
smaller lots, same basis	lb.	.22½-	—
33, non-returnable light gauge steel dms., c.l., f.o.b. cars, destination, zone 1	lb.	.16½-	—
10 dms., same basis	lb.	.17 -	—
1 dm., same basis	lb.	.17½-	—
smaller containers, same basis	lb.	.22½-	—

Lewisol resin prices are f.o.b. cars, New England States, Middle Atlantic States, Va., W.Va., N.C., Ky., Ohio, Mich., Ind., Ill., Wis., St. Paul and Minneapolis, Minn., St. Louis, Mo. Prices are dms., included, not returnable.

M

Metronite pigment, 120 and 180 mesh, containers extra, c.l., f.o.b. Milwaukee	ton	10.00 -	—
l.c.l., same basis	ton	14.00 -	—
250 mesh, containers extra, c.l., same basis	ton	15.00 -	—
l.c.l., same basis	ton	17.50 -	—
325 mesh, containers extra, c.l., same basis	ton	17.50 -	—
l.c.l., same basis	ton	20.00 -	—
400 mesh, containers extra, c.l., same basis	ton	20.00 -	—
l.c.l., same basis	ton	22.50 -	—

N

Neo-fat drying oil, 170, dms., c.l., dlvd.	lb.	.14¾-	—
190, dms., c.l., dlvd.	lb.	.18¾-	—
290, dms., c.l., dlvd.	lb.	.20¾-	—
fatty acid, 8R, dms., c.l., dlvd.	lb.	.18¾-	—
17, dms., c.l., dlvd.	lb.	.12¾-	—
19, dms., c.l., dlvd.	lb.	.16¾-	—

Neo-fat prices are ½c. per lb. higher in all States west of the Rocky Mountains. Drums in all instances are returnable.

Nevillac, pale, hard, color 1-2, melting point 85-95°C., drums, works.	lb.	.19 -	—
hard, color 2-1/4-4, melting point 85-95°C., same basis	lb.	.17 -	—
soft, color, 2-½-4, melting point 65-75°C., same basis	lb.	.17 -	—
10 C, color ½-4, same basis	lb.	.24 -	—
LX-483 same basis	lb.	.23 -	—
OA, same basis	lb.	.45 -	—
OP, same basis	lb.	.35 -	—
RP, same basis	lb.	.25 -	—
TS, same basis	lb.	.50 -	—
RT, same basis	lb.	.31 -	—
RA, same basis	lb.	.31 -	—
RS, same basis	lb.	.50 -	—
Neville resin, R-1 nevindene, col. ¼, dms., works.	lb.	.13½-	—
R-3, nevindene, col. 1, dms., works.	lb.	.12½-	—
R-5, nevindene, col. 1½-2, dms., works.	lb.	.11½-	—
R-6 nevindene, col. 2½-3½, dms., works.	lb.	.10½-	—
R-7, N.P.S., col. below 3, dms., works.	lb.	.12¾-	—
R-9, hard, col. ⅛, dms., works.	lb.	.13¾-	—
R-10, hard, col. 1, dms., works.	lb.	.11¾-	—
R-11, hard, col. 1½-2, dms., works.	lb.	.10¾-	—
R-12, hard, col. 2½-3½, dms., works.	lb.	.09¾-	—
R-13, medium, col. ⅛, dms., works.	lb.	.13¾-	—
R-14, medium, col. 1, dms., works.	lb.	.11¾-	—
R-15, medium, col. 1½-2, dms., works.	lb.	.10¾-	—
R-16, medium, col. 2½-4, dms., works.	lb.	.09¾-	—
R-16A, medium, col. 7-10, dms., works.	lb.	.08½-	—
R-17, medium, soft, col. 3½-8, dms., works.	lb.	.10¾-	—
R-19, medium soft, col. 3½-8, dms., works.	lb.	.10¾-	—
R-21, soft, col. 3½-8, dms., works.	lb.	.10¾-	—
R-22, special, soft, col. 3½-8, dms., works.	lb.	.10¾-	—
R-27, medium, soft, col. 1, dms., works.	lb.	.13¾-	—
R-28, medium soft, col. 1½-2, dms., works.	lb.	.12¾-	—
R-29, medium soft, col. 2½-8, dms., works.	lb.	.10¾-	—
465, 110-125° C. dms., gross weight, Pittsburgh.	lb.	.08½-	—

Neville resin prices, except 465 resin, are freight equalized with Phila. Less than full drum shipments are 5c. per pound additional, f.o.b. Neville Island, Pa.

Nevilloid, C-55 emulsion, ret. dms., works.	lb.	.12 -	—
C-10 emulsion, ret. dms., works	lb.	.1125-	—
Nevtex, 10, returnable dms., works.	lb.	.08 -	—
90, returnable dms., works.	lb.	.20 -	—
Nuba, 1, 80-95° C., dms., gross weight, works.	lb.	.0290-	—
2, 100-125° C., dms., gross weight, works.	lb.	.0290-	—
2x, 125-150° C., dms., gross weight, works.	lb.	.04½-	—
Nuodex drier, cobalt, 6%, 400-lb. pkgs.	lb.	.30½-	—
10%, 100-lb. pkgs.	lb.	.48¼-	—
Iron, 6%, 400-lb. pkgs.	lb.	.14¾-	—
10%, 100-lb. pkgs.	lb.	.23¾-	—
Lead, 24%, 450-lb. pkgs.	lb.	.14 -	—
34%, 100-lb. pkgs.	lb.	.19 -	—
Manganese, 10%, 100-lb. pkgs.	lb.	.25½-	—
6%, 400-lb. pkgs.	lb.	.15¾-	—
Zinc, 8%, 400-lb. pkgs.	lb.	.15¾-	—
12%, 100-lb. pkgs.	lb.	.23½-	—
Lead-cobalt, 28%; 2.8%, 150-lb. pkgs.	lb.	.29½-	—
Lead-manganese, 28%; 2.8%, 150-lb. pkgs.	lb.	.22¾-	—

All prices are dlvd. in U.S.A., except California, Oregon and Washington.

P

Paradene, No. 1, 75-99° C., dms., gross wt., works.	lb.	.06¼-	—
color 12-16, dms., gross wt., works.	lb.	.0625-	—
2, 100-125° C., dms., gross wt., works.	lb.	.05½-	—
color 12-16, dms., gross wt., works.	lb.	.0525-	—
33, 34, color 10-15, dms., works.	lb.	.0625-	—
35, color 10-15, dms., works, gross wt.	lb.	.0575-	—

Paradene prices are freight equalized with Philadelphia, Pa.

Paradura, 46, c.l., dlvd.	lb.	.22½-	—
l.c.l.	lb.	.23¼-	—
278, c.l., dlvd.	lb.	.23 -	—
l.c.l.	lb.	.24 -	—
Paranol resin, hard, No. 1, c.l., dlvd.	lb.	.15 -	—
l.c.l.	lb.	.15½-	—
25, c.l., dlvd.	lb.	.15½-	—
l.c.l.	lb.	.16 -	—
54-E, c.l., dlvd.	lb.	.15½-	—
l.c.l.	lb.	.19 -	—
105, dark, c.l., dlvd.	lb.	.14½-	—
l.c.l.	lb.	.15 -	—
X hard, No. 1, c.l., dlvd.	lb.	.15½-	—
l.c.l.	lb.	.16 -	—
200, c.l., dlvd.	lb.	.17⅝-	—
l.c.l.	lb.	.18½-	—
500, hard, c.l., dlvd.	lb.	.16½-	—
l.c.l.	lb.	.17 -	—
X hard, c.l., dlvd.	lb.	.19 -	—
l.c.l.	lb.	.19½-	—
850, c.l., dlvd.	lb.	.15 -	—
l.c.l.	lb.	.15½-	—
1750, c.l., dlvd.	lb.	.16⅜-	—
l.c.l.	lb.	.17¼-	—
1855, c.l., dlvd.	lb.	.15½-	—
l.c.l.	lb.	.16 -	—
Paraplex, RG-2, 60%, bbls., c.l.	lb.	.27 -	—
1-10 drum lots	lb.	.27½-	.28
RG-7, 60%, bbls., c.l.	lb.	.24 -	—
1-10 drum lots	lb.	.24½-	.25
RG-8, 100%, bbls., c.l.	lb.	.29 -	—
1-10 drum lots	lb.	.29¾-	.30½
G-20, 100%, bbls., c.l.	lb.	.67 -	—
1-10 drum lots	lb.	.67¾-	.68½
5-B, 80%, bbls., c.l.	lb.	.23½-	—
1-10 drum lots	lb.	.24 -	.24½
AL-16, 70%, bbls., c.l.	lb.	.23 -	—
1-10 drum lots	lb.	.23½-	.24
AL-111, 100%, bbls., c.l.	lb.	.21 -	—
1-10 drum lots	lb.	.21¾-	.22½

Paraplex prices are f.o.b. manufacturer's plant, with minimum transportation charges allowed to destination on shipments of one barrel or more in the following states and cities: New England and Middle Atlantic States, Virginia, West Virginia, North Carolina, Kentucky, Ohio, Michigan, Indiana, Illinois, Wisconsin, St. Paul and Minneapolis, Minn., St. Louis, Mo., and Montreal and Toronto, Canada.

Parazenes, 5 solid resins, c.l. and l.c.l., dlvd.	lb.	.13 -	—
4634 solution (50% in mineral spirits), c.l., dlvd.	lb.	.11 -	—
l.c.l.	lb.	.11¼-	—
Pentalyn A, non-returnable light gauge steel dms., f.o.b. cars, destination, zone 1.	lb.	.13 -	—
l.c.l., 10 dms., same basis	lb.	.13½-	—
single dms., same basis	lb.	.14 -	—
smaller lots, same basis	lb.	.19 -	—
G, non-returnable light gauge steel dms., c.l., f.o.b. cars, destination, zone 1.	lb.	.14½-	—
l.c.l., 10 dms., same basis	lb.	.15 -	—
single dms., same basis	lb.	.15¼-	—
smaller lots, same basis	lb.	.20¼-	—
P.H.O., dms., works	lb.	.24 -	—
Piccolastic, A, B, C, D, E types, c.l., Clairton, Pa.	lb.	.24 -	—
l.c.l., same basis	lb.	.24½-	—
F series, c.l., same basis	lb.	.14½-	—
l.c.l., same basis	lb.	.15 -	—
powder, same basis	lb.	.26½-	—
Piccolyte resins, S-10, S-25, S-40, bulk, net wt., f.o.b. Clairton, Pa., c.l.	lb.	.15 -	—
l.c.l.	lb.	.15½-	—
S-55, S-70, same basis, c.l.	lb.	.16 -	—
l.c.l.	lb.	.16½-	—
S-85, S-100, same basis, c.l.	lb.	.17 -	—
l.c.l.	lb.	.17½-	—
S-115, same basis, c.l.	lb.	.18 -	—
l.c.l.	lb.	.18½-	—
Piccoumaron resins,[1] 420, 420-S, bulk, gross wt., f.o.b. Clairton, Pa., frt. equald.	lb.	.06 -	—
420-T, same basis	lb.	.0675-	—
422-R, 423-R, 425-R, 427-R, bulk, net wt., same basis.	lb.	.1075-	—
480, 485, bulk, gross wt., same basis.	lb.	.045 -	—
440-T, same basis	lb.	.0625-	—
450, 450-H and 450-S, same basis.	lb.	.09 -	—
450-EH, same basis	lb.	.0975-	—
460-T, same basis	lb.	.0675-	—
XX-35, XX-40, bulk, net wt., same basis.	lb.	.0625-	—
XX-55, bulk, gross wt., same basis.	lb.	.0675-	—
XX-70, XX-100, same basis.	lb.	.0625-	—
XX-115, same basis	lb.	.0675-	—
T-115, same basis	lb.	.0725-	—
70%, 420-S Sol., rct. dms., net wt.	lb.	.078 -	—
Pliolite S-1 powder, ton lots, works.	lb.	.75 -	—
dm. lots, same basis	lb.	.76 -	—
less dm. lots, same basis.	lb.	.83 -	—
milled S-1, ton lots	lb.	.84 -	—
dm. lots, same basis	lb.	.88 -	—
less dm. lots, same basis.	lb.	.93 -	—
S-3 powder, ton lots, same basis.	lb.	.84 -	—
dm. lots	lb.	.96 -	—
less dm. lots	lb.	.71 -	—
Plyophen, solution, 5000, c.l., works.	lb.	.18 -	—
l.c.l., same basis	lb.	.18½-	.19
8010, c.l., same basis	lb.	.17 -	—
l.c.l., same basis	lb.	.17½-	.18
5011, c.l., same basis	lb.	.17½-	—
l.c.l., same basis	lb.	.18 -	.18¼
5012, 5013, c.l., same basis.	lb.	.13 -	—
l.c.l., same basis	lb.	.13½-	.14
5014, c.l., same basis	lb.	.14½-	—
l.c.l., same basis	lb.	.15 -	.15¼
Polyamide, ED, Nos. 96, 94 and 96, f.o.b. works, all quantities.	lb.	.45 -	—

R

Resinous oil, No. XI, returnable dms., works.	lb.	.0160-	—

S

Silene (see Calcium silicate hydrated under C in Current Market Quotations)			
Staybelite ester, No. 1, non-returnable light gauge steel dms., f.o.b. cars, destination, zone 1.	lb.	.17½-	—
10 dms., same basis	lb.	.18½-	—
1 dm., same basis	lb.	.19¼-	—
smaller lots, same basis	lb.	.24½-	—
No. 2, returnable black iron dms., c.l., f.o.b. cars, destination, zone 1.	lb.	.1824-	—
No. 3, returnable black iron dms., c.l., f.o.b. cars, destination, zone 1.	lb.	.1974-	—
10 dms., same basis	lb.	.2049-	—
1 dm., same basis	lb.	.2149-	—
smaller lots, same basis	lb.	.2649-	—
No. 10, non-returnable light gauge steel dms., c.l., f.o.b. cars, destination, zone 1.	lb.	.14½-	—
No. 10, dms., same basis	lb.	.14⅝-	—
1 dm., same basis	lb.	.15 -	—
smaller lots, same basis	lb.	.20 -	—
Super-Beckacite, RM-254, 1001, 1020, c.l.	lb.	.33 -	—
l.c.l., same basis	lb.	.33¼-	.34
1003, F.E., c.l.	lb.	.21 -	—
l.c.l., same basis	lb.	.21½-	.22
Super-Beckacite, 2000, M-K, c.l.	lb.	.27 -	—
l.c.l., same basis	lb.	.27½-	.28
2007, E-D, c.l.	lb.	.23 -	—
l.c.l., same basis	lb.	.23½-	.24
3011, c.l.	lb.	.31¼-	—
l.c.l.	lb.	.32 -	.32¼

U

Uformite, F-200-E, bbls., c.l.	lb.	.20½-	—
1-10 drum lots	lb.	.21 -	.21½
F-226-E, bbls., c.l.	lb.	.22 -	—
1-10 drum lots	lb.	.22½-	.23
MM-55, bbls., c.l.	lb.	.28½-	—
1-10 drum lots	lb.	.29 -	.29½
MU-56, bbls., c.l.	lb.	.27 -	—
1-10 drum lots	lb.	.27½-	.28

Uformite prices are f.o.b. manufacturer's plant, with minimum transportation charges allowed to destination on shipments of one barrel or more in the following states and cities: New England and Middle Atlantic States, Virginia, West Virginia, North Carolina, Kentucky, Ohio, Michigan, Indiana, Illinois, Wisconsin, St. Paul and Minneapolis, Minn., St. Louis, Mo., and Montreal and Toronto, Canada.

V

Vanadieet resins, dlvd., Baltimore-Washington area, Del., c.l.	lb.	.020 -	—
under 2,000 lbs.	lb.	.041 -	—
Greater N. Y., N. J., Conn., c.l.	lb.	.018 -	—
under 2,000 lbs.	lb.	.04 -	—
Ala., Fla., Ia., Minn., Miss., c.l.	lb.	.021 -	—
under 2,000 lbs.	lb.	.044 -	—
Ariz., Cal., Canada in general, Nev., N. M., Ore., Utah, Wash. State, c.l.	lb.	.028 -	—
under 2,000 lbs.	lb.	.047 -	—
Ark., Colo., Neb., c.l.	lb.	.023 -	—
under 2,000 lbs.	lb.	.043 -	—
Canada, Windsor to Montreal, c.l.	lb.	.022 -	—
under 2,000 lbs.	lb.	.043 -	—
Ga., Ill., Ky., Tenn., Mich., c.l.	lb.	.021 -	—
under 2,000 lbs.	lb.	.043 -	—
Idaho, Wyo., Mont., c.l.	lb.	.028 -	—
under 2,000 lbs.	lb.	.047 -	—
Louisiana, Okla., Tex., Kan., Dakotas, c.l.	lb.	.023 -	—
under 2,000 lbs.	lb.	.043 -	—
Maine, Mass., N. H., R. I., Ver., c.l.	lb.	.021 -	—
under 2,000 lbs.	lb.	.041 -	—
Mo., c.l.	lb.	.021 -	—
under 2,000 lbs.	lb.	.043 -	—
N. Y. State., Pa., East, c.l.	lb.	.020 -	—
under 2,000 lbs.	lb.	.042 -	—
Ohio, Indr., W., Va., c.l.	lb.	.019 -	—
under 2,000 lbs.	lb.	.042 -	—
Pa., west of Susq. Riv., west and north of Williamsport, Md., Frederick and West, c.l.	lb.	.020 -	—
under 2,000 lbs.	lb.	.042 -	—
Wis., c.l.	lb.	.021 -	—
under 2,000 lbs.	lb.	.044 -	—
Vinylseal adhesive solutions, vinylite resin AYAB, 69-72% by weight, solution in acetone, A-70, drum lots, f.o.b. South Charleston, W. Va.	gal.	2.75 -	—
less than drum lots, same basis.	gal.	3.00 -	—
AYAF, 55% by weight, solution in acetone, A-35, drum lots, same basis.	gal.	2.10 -	—
less than drum lots, same basis.	gal.	2.50 -	—
modified, vinyl acetate resin, 24.5% by weight, solution in toluene, T-24-9, 20-drum lots, same basis.	gal.	2.00 -	—
drum lots, same basis.	gal.	2.25 -	—
less than drum lots, same basis.	gal.	2.50 -	—
28% by weight, solution in 52% methyl acetate, MA 28-14, 20-drum lots, same basis.	gal.	2.15 -	—
drum lots, same basis.	gal.	2.40 -	—
less drum lots.	gal.	2.65 -	—
All "Vinylseal" containers except 1-gal. size are returnable. Extra charge of 40c for 1-gal. containers; 55-gal. drums are valued at $5 each.			
Vinyl chloride-acetate, VYLF, VYHH, VYNW, VYNU, VYNV, powdered, c.l. (30,000 lbs.), paper bags, f.o.b. cars, South Charleston, W. Va.	lb.	.35 -	—
10,000 to 29,999 lbs., same basis.	lb.	.36 -	—
200 to 9,999 lbs., same basis.	lb.	.37 -	—
1 to 199 lbs., same basis.	lb.	.53 -	—
VYNS, c.l. (30,000 lbs.), paper bags, same basis.	lb.	.47 -	—
10,000 to 29,999 lbs., same basis.	lb.	.48 -	—
200 to 9,999 lbs., same basis.	lb.	.49 -	—
1 to 199 lbs., same basis.	lb.	.65 -	—
modified vinyl chloride-acetate, VMCH, powdered, c.l. (30,000 lbs.), paper bags, same basis.	lb.	.42 -	—
10,000 to 29,999 lbs., same	lb.	.43 -	—
200 to 9,999 lbs., same basis.	lb.	.44 -	—
1 to 199 lbs., same basis.	lb.	.60 -	—
Acetate resins, AYAB, lumps (in fiber drums at option of seller); AYAA, AYAF, AYAT, granular (in paper bags only), f.o.b. cars South Charleston, W. Va., freight paid to destination E. of Mississippi river, c.l. (30,000 lbs.)	lb	.46 -	—
2,000 to 29,999 lbs., same basis.	lb.	.48 -	—
200 to 1,999 lbs, same basis.	lb.	.49 -	—
1 to 199 lbs., same basis.	lb.	.60 -	—
chloride resins, QYNA, powdered, c.l. (30,000 lbs.), paper bags, f.o.b. cars South Charleston, W. Va.	lb.	.36 -	—
10,000 to 29,999 lbs., same basis.	lb.	.39 -	—
200 to 9,999 lbs., same basis.	lb.	.40 -	—
1 to 199 lbs., same basis.	lb.	.56 -	—
butyral resins, XYHL, XYHM, XYNC, granular, 93 to 97% solids, prices based on contained solids (in paper bags at option of seller), 30,000 lbs., f.o.b. cars South Charleston, W. Va., c.l.	lb.	.62 -	—
10,000 to 29,999 lbs., same basis.	lb.	.63 -	—
200 to 9,999 lbs., same basis.	lb.	.64 -	—
1 to 199 lbs., same basis.	lb.	1.00 -	—

Z

Zinlac, orange or white, 50-gal. bbls.	gal.	1.25 -	—
kits (5 gals.)	gal.	1.35 -	—
jugs (1 gal.)	gal.	1.50 -	—

Looking Ahead

WITH

VELSICOL RESINS

Here at Velsicol we've been looking ahead — not too far ahead, not star-gazing, but far enough to be aware of your resin needs (and your needs are our problems); our chemists and resin technicians have come up with some pretty good answers in the form of oxidizing and non-oxidizing resins for the protective coatings manufacturers who are thinking today in terms of peace-time production. You may rest assured that Velsicol will be able to provide you in days to come with new and improved resins well adapted to your requirements, whether for bakes or air dries, interior or exterior finishes, architectural and industrial enamels, etc. Be ready for tomorrow. Investigate the merits of these resins today.

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Sp. Gr. at 15.5° C.	8602-8762
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Kauri Butanol Value	70-75 (Benzol=100)
Mixed Aniline Point	73-77° F.

A. S. T. M. DISTILLATION

I. B. P.	300-315° F.
5%	305-320
50%	340-355
90%	375-390
F. B. P.	385-400° F.

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Oil, Paint and Drug Reporter

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Fewer and Better Bureaus

Business should get wholeheartedly behind President Truman's endeavor to reduce the number of governmental agencies, to eliminate duplication of purpose and functioning, and to get rid of confusion in the understanding and the operating of the relations of government to the people. Centralization of responsibility, at which he aims, is very desirable. It is more desirable that there be competence in responsibility on the part of those who have it. Perhaps, if half a dozen bureau heads are replaced by one, and that one deserve and be given at least one-half of their aggregate compensation, the necessary competence and reliability will be obtained.

It has never been comprehensible to those who know that authority, unlike eggs, is better when in one basket than when scattered all over the place, why, for example, two extra national agencies had to be set up for the handling of labor matters. The creation of these boards left the Department of Labor with less than ever to do. Perhaps it then still had too much. But, splitting the job certainly has not got it better done.

The President's cabinet should comprise and provide all the administrative agencies essential to the satisfactory and effective functioning of the Federal government. Boards, commissions, administrations, and all other additional agencies are just that many contributions to confusion and uncertainty and misunderstanding. Hairline distinctions must be drawn, as between the Department of Justice and the Federal Trade Commission, and between the latter and the Food and Drug Administration; between the War Production Board and the War Food Administration, and between the Bureau of Foreign and Domestic Commerce and the Foreign Economic Administration. Why is a cabinet officer if he—or she—cannot be entrusted with the business of the office in which he serves?

President Truman's aim is in the right direction. It may be that he has not yet raised his sights high enough; that he will not strive for the concentration of the administrative branch of the government within the limits of his cabinet—and the reshuffling and reduction of the secretaryships so that real centralization of responsibility is attained. But, it is to be hoped that the reform which he has set in motion will someday put into the cabinet a man who is the secretary of defense because he is an authority on defense, a man who is an expert in matters of business as the secretary of business—including agriculture and labor which are undeniably parts of business—a man as secretary of internal affairs who knows enough about such things to be qualified to handle them—after they have been more exactly defined so as to eliminate matters which are wholly within the realm of business.

Centralization is a most desirable objective in administrative government. Competence is no less essential. And it is difficult to conceive how there could be too much of either. But—while good-intentioned folks laud the Truman program as a move in the direction of more direct control of bureaus by Congress, the latter body sets out busily to save a score or more of its pets, largely trading-posts of patronage, from any and all reformative endeavor.

—O-P-D—

Germans and Science

Plans for the antiwar control of Germany are still wobbly. Even those which have been reduced to definite statements usually have too many "or's" in them. Thus it is that the Allied Control Council says with respect to the ferrous industry of Germany that the steel mills of that country are to be controlled, dismantled, or moved out of Germany!

One trouble is that the postwar policing of Germany is to be split three or four or more ways—and each of the prospective police forces has its own ideas, objectives, and rules. The variations among them are multiples of three or four or more.

Among the directives reported to be in the making for application in the zone over which the United States will have control is one calling for the transfer of the German chemical industry to allied countries. But, the United States zone, as now understood, is not particularly chemical in its industrial facilities. Another directive for that zone calls for seizure of all German patents and inventions. Again the scope of the intention seems to spread far beyond the area of control. Both of those ideas are good—the second was suggested in these columns several months ago—but putting them into effect is deeply doubtful.

The War Is Not Yet Over

Buy All The Bonds You Can

The Allied Control Council is said to plan the prohibition of production of nitrogen in Germany, the idea being that nitrogen is essential in the production of explosives. The step is a good one, but, also, it is a short one. Destructive warfare can already be waged without the use of nitrogen compounds. Rocket vehicles—planes or whatever—can carry incendiary agents which require no nitrogen. They can transport poisonous gases which contain none of that element. And they can spread pathologic germs and viruses far and wide. In truth, a bit of a paper balloon, filled with hydrogen, can plant disease epidemics wherever the winds blow.

The Germans are wholly unfit to be trusted with any of the forces of science. They have continuously misused them ever since the crude days of Alaric and Attila. They must never have another chance. This cannot be accomplished by any rules filled with "or's," "if's," or "but's." It cannot be effected by means of divided or half-hearted control. Nothing will be done if heed is given to those who argue that even refugees favor leniency for German science: the profit motive tramples down all principles, all reason, all risks, and even all fears; and not all who pose as refugees are such; some have all the earmarks of nazi economic infiltrators. For the assurance of civilization's survival, it must somehow be achieved that Germans shall never again be in position to attack or destroy. A peace that assures less will be a travesty of justice.

—O-P-D—

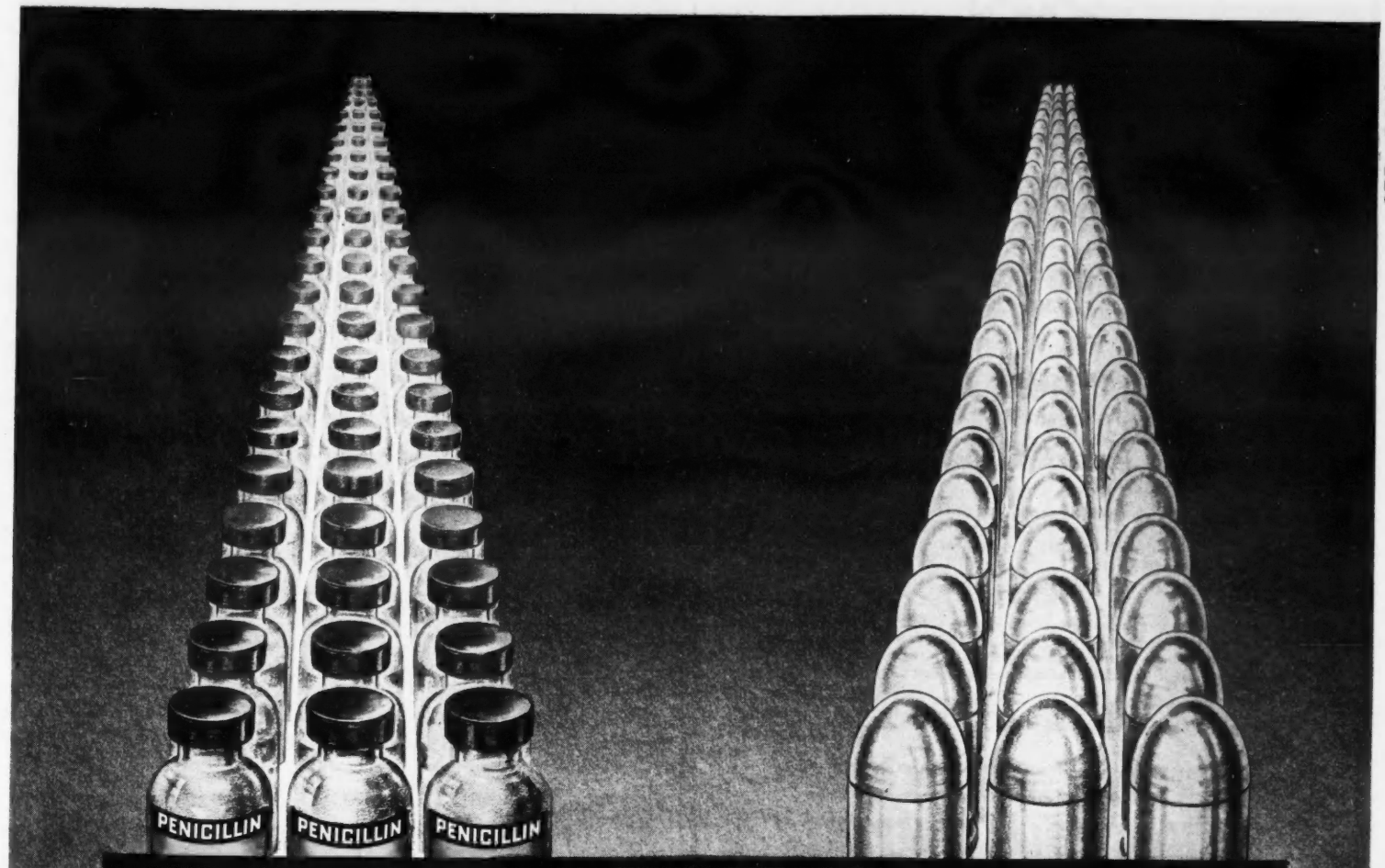
Judges in Other Offices

The nomination of a Federal judge to be Secretary of Labor finds favor in the United States Senate. But, it has aroused writers-to-the-papers more vigorously to bewail the "threatened destruction of an independent judiciary." The connection is difficult to draw.

Judicial qualifications should be paramount in the selection of public officials for all functionings. If there is any office in which they are most desirable, most necessary, it is that office—any office—which has to do with the public affairs of labor. There is no place where a judge could serve the nation better than on the labor boards which Congress has deemed necessary supplements, or complements of the Department of Labor. And if the department were manned with proper regard for the value of the judicial temperament, there would be no need for additional agencies to duplicate its duties.

There seems to be something suspicious about the motives of those who decry the delegating of judges for administrative and investigative duties. Can it be that these critics would prefer more partial attitudes in such services? There are many who contend that only the special pleader or the experienced advocate makes a good enforcement officer. This contention is not supported by the facts. From another angle, it cannot be gainsaid that any judge will be the better as a jurist for having had intimate contacts with the realities of human relations. It would, in truth, be beneficial for the ends of justice if all judges were required to spend recurrent sabbatical periods in such bumping of heads of precedents against the stone walls of reality.

If more judges—in the proper sense of the term—were the holders of administrative governmental offices, there would be need for far fewer of them in judicial jobs of review.



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Typical Tests	Content by Weight
Sodium sulfonate	75%
Sodium chloride	3.
Sodium sulfate	1.5
Water	20.5
Organic acid	Trace
Caustic soda	Trace
Molecular weight (sodium sulfonate)	270 (approx.)
Specific gravity 60° F/60° F	1.164
Weight per gallon	9.7 lbs.
Approximate pH value	9.0

A semi-solid product, Oronite* Sodium Sulfonate No. 3 is insoluble in mineral oils, but readily soluble in up to equal weights of water. It has found valuable application as a penetrant and as a detergent, being effective in neutral, acid or alkaline solutions. It may also be used with ordinary soaps as an assistant in cleaning heavily soiled textiles.

Write now for full particulars and technical information—on this and other Oronite sulfonate materials.

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*TRADE MARK REG. U.S. PAT. OFF. 1023

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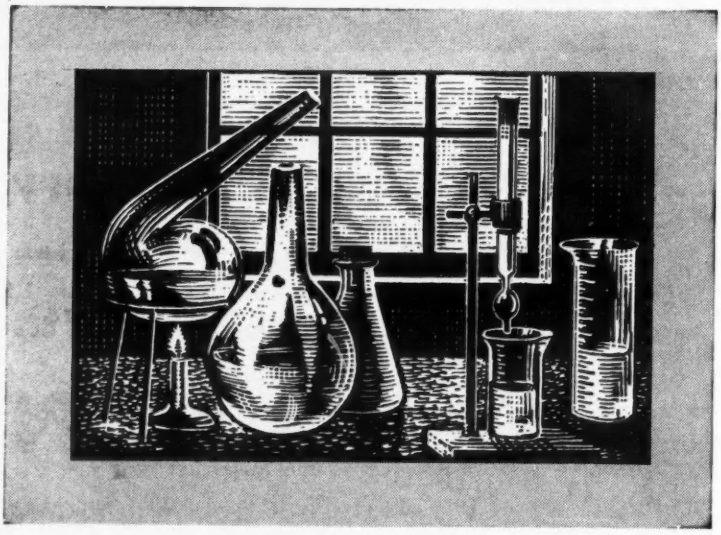

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Heavy Chemicals

Industrial demand for heavy chemicals has shown no sign of easement. Pressure for both big and little tonnage materials was sufficient to hold the overall supply position definitely tight. No important government cutback in buying orders appeared last week but WPB's screening of possible curtailments and termination accentuated trade interest. Inventories did not change greatly while the difficulty of increasing some chemical stocks was still quite evident. Manpower remained the key factor to the entire chemical situation. So far, there has been no apparent increase in labor although prospects are better in view of partial demobilization of the army and the curtailment of activities of certain military industrial plants.

Shipments of naphthenic acid for government use have taken care of about all current domestic output. While the supply situation in sulphuric acid continued spotty, the situation at Baltimore has shown improvement. Anhydrous hydrofluoric acid revealed a well balanced position. The flow of bulk soda ash from works has increased, but ash in bags is bottlenecked by the labor shortage. Liquid caustic soda in tankcars can be moved with a fair degree of promptness, but dry grades held the same tight position. Caustic potash liquid showed some shipping improvement while the dry varieties were definitely tight. Thallium chemicals were placed under allocation owing to the heavy demand for thallium sulphate. Because of limited producing facilities of this chemical, WPB stated that an attempt had been made to purchase thallium sulphate in the liberated countries of Europe.

Paper production as a percentage of six-day capacity was 92.0 in the week ended May 26, according to the American Paper and Pulp Association. This compares with 90.0 in the previous week and 92.5 percent a year ago.

Production and supply figures noted in some of the following market reports were released by the Chemicals Bureau of WPB, unless otherwise specified.

Market Trends

Prices Advanced

None

Prices Reduced

None

Comparative Price Indexes

General Chemicals

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
169.0	169.0	169.0	169.6

Acids

Last week.	Prev. week.	Last month.	Last year.
116.0	116.0	116.0	116.0

Alumina Chloride—WPB has revoked control over anhydrous alumina chloride, contained in allocation order M-287. The order was rescinded because increased production capacity has made such control unnecessary. The revocation became effective June 1.

Calcium Phosphate—Production of monobasic in March was 6,032,000 pounds against 5,312,000 pounds in February. Stocks at the end of March were 4,767,000 pounds, compared with 4,495,000 pounds at the close of February. Output of dibasic in March was 3,807,000 pounds against 3,583,000 pounds in February. Stocks at the close of March were 2,552,000 pounds, compared with 2,484,000 pounds at the end of February.

Carbon Dioxide—March production of liquid and gas was 19,622,000 pounds, compared with 16,406,000 pounds in February. Stocks at producing plants at the end of March were 2,748,000 pounds against 2,192,000 pounds at the close of the preceding month. Production of solid in March was 51,977,000 pounds, compared with 42,018,000 pounds in February. Stocks at the close of March were 9,714,000 pounds against 8,496,000 pounds at the end of February.

Copper Sulphate—See Agricultural Chemicals, under insecticides.

Defluorinated Phosphate — Demand for feeding requirements has shown an appreciable increase. Buying interest seems to have been stimulated by the current scarcity of bone meal. The supply has been able to accommodate demand.

Fluorspar—A study of the Royal mine area, Livingston County, Ky., has recently been completed by Survey geologists investigating fluorspar deposits in the Kentucky-Illinois district. Preliminary maps and a brief text have been released for public inspection in open files at Geological Survey offices in Washington, D. C., and Rolla, Mo., and at the post office in Marion, Ky.

Potash Caustic—Stocks of the dry forms, including flake, ground, lump and solid, have remained in tight supply under an active demand and a shortage of manpower. The liquid grade in tankcars has improved its supply position slightly as it takes less labor to handle this material.

Salt Cake — March production of commercial was 48,788 tons, compared with 42,048 tons in February. Stocks at the close of March were 63,156 tons against 69,049 tons at the end of the preceding month.

Soda Ash—Shipments of bulk soda ash have continued to hold the most favorable position in this market. Packaged material is behind scheduled requirements without much prospect of improving until more manpower is available. Demand is active and without sign of easement to date.

Soda Bicarbonate—March production was placed at 15,570 tons, against 11,552 tons in February. Stocks at producing plants at the end of March amounted to 4,321 tons, compared with 5,091 tons at the close of the preceding month.

Soda, Caustic—Manpower shortage has prevented much progress being made against contract deliveries of dry material. Liquid has continued in somewhat better shape owing to the ability of producers to move tankcars. So far, there have been no cutbacks of a character to ease the overall supply situation. Both fused and flakes closed the week in a definitely tight position.

Soda Hydrosulphite—Production in March was 3,367,000 pounds, compared with 3,208,000 pounds in February. Stocks at the end of March were 1,098,000 pounds against a revised total of 1,274,000 pounds at the close of the preceding month.

Soda Sulphate—Production of anhydrous in March was 8,163 tons, compared with 7,373 tons in February. Stocks at the end of the month were 3,117 tons against 3,414 tons at the close of February.

Thallium Sulphate—WPB has placed thallium sulphate under control of schedule 107 of order M-300. Through the heavy demand for thallium sulphate, it was necessary to place all thallium chemicals under allocation control because thallium sulphate is produced from other thallium chemicals. Suppliers' applications, WPB 2947, for authorization to use or deliver thallium chemicals should be submitted to WPB at the earliest possible date in order to be considered for June allocation.

Vanadium — Preliminary map entitled "Vanadium deposits in the gateway area, Mesa County, Colorado, and the adjoining part of Grant County, Utah," has been released by the Geological Survey. The map with printed text may be purchased by those directly interested in the region from the director of the Geological Survey, Washington, D. C., at 25c. each.

Acids

Adipic — Major part of production has moved into the nylon factories. Aside from this consuming source, the amount available last month for other users was 20,700 pounds.

Hydrofluoric — Production of this acid seems to have about reached the limit of consuming demand. The well balanced position of the market has led to trade expectations that WPB may lift restrictions before long. The heaviest demand at present is for aviation gasoline.

Oxalic—Absence of available material for nearby shipment has shifted

For Current prices see alphabetical listing beginning on page 9.

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BLANC FIXE — BARIUM PEROXIDE

BARIUM OXIDE — BARIUM HYDRATE

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buying interest into forward months. Production is behind scheduled requirements due mostly to labor shortage and the market position is necessarily tight. Current demand is not so much for government use but is of a general industrial character. Some of the large producers are not accepting orders for delivery this side of August.

Sulphuric—Heavy military demand has taken care of the major part of production and caused some rearrangement of delivery schedules. The supply situation for civilian use had a rather spotty appearance. Reports indicated that in the Baltimore, Chicago and St. Louis areas the supply situation has improved and it looked as though the stringency in Cleveland may improve shortly. No important relief on the West coast was expected before the end of next month.

Baltimore, June 1—No developments calculated to change conditions in the production of sulphuric acid occurred during the week. The output has proceeded in a regular manner with the ceiling maintained at top figures set in March three years ago. The production proved to be ample for needs of the government, with the excess available for other than war uses on the increase, and with acid-making materials coming in as fast as needed. The acid situation here is simplified by the fact that plants are operated almost entirely in an automatic manner, so that very few workers are required.

Fertilizer Allocations

—Continued from page 3

months' contracts after deducting for pulverized cyanamide the manufacturer expects to buy.

Pulverized cyanamide is to be used exclusively for conditioning mixed goods, and may be used within moderate limits. The Chemicals Bureau emphasized that, if manufacturers desire to use this material, they must notify the Nitrogen Unit of the tonnage desired and such tonnage will be deducted from the sulphate of ammonia assigned for the year. Contracts with the sulphate of ammonia supplier must not be for more than the net quantity of sulphate after this deduction is made.

Special Products Available

During the four-month period of July through October, cal-nitro, A.N.L., and Holston by-product nitrate of soda will be available for use in mixing. Tonnages taken will be charged against the manufacturer's ammonium nitrate or solution assignment on an equivalent nitrogen-content basis.

The bureau's letter said that companies operating in more than one State may pool their various State quotas and redistribute the materials to their plants in accordance with their own manufacturing program, provided (1) the total units of inorganic nitrogen assigned a particular State be shipped into that State, and (2) that the redistribution of cars comply with ODT cross-haul limitations.

It was emphasized that orders for shipments be placed with suppliers not later than the fifth of the month preceding the month of delivery. Otherwise the supplier may make delivery to others, subject to WPB approval. It was also emphasized that all 1944-45 allocations not shipped by June 30, 1945, are automatically cancelled.

Back the Attack—Buy
An Additional Bond Today

Sunderland Manager Of Harrisons & Crosfield

H. M. Sunderland has been named manager of Harrisons & Crosfield (America) Inc., which is an affiliate of Harrisons & Crosfield, Ltd., Canada. Mr. Sunderland is making his headquarters at 17 East Forty-second street, New York. Mr. Sunderland, affiliated with the chemical industry for approximately twenty years, was previous to joining Harrisons & Crosfield in Canada in 1937, associated with the American Cyanamid Company in its New York office and later with the Dillon-Klipstein firm in Canada. Harrison & Crosfield (America), Inc., will import and export a wide line of industrial and fine chemicals.

H. M. Sunderland

Patent Law Reform

—Continued from page 3

the absence of any such requirement has led to one of the worst evils of the patent system. Mr. Fairbanks questioned the desirability of exempting government patents from this law, but an off-the-record discussion of the need for such a provision in the interest of national defense appeared to satisfy his mind on this point.

Mr. Dearborn expressed some fears over the provisions for a register where offers to license patents would be recorded. The fact that the Commissioner of Patents would step in to settle differences smacks too much of compulsory licensing, he said. He could also see the provision working a hardship on little business by requiring that they issue a license to their big competitors once they have made their offer to the Patent Office.

Special Sales Control

—Continued from page 5

authorization for special sales for export.

PR-15 provides for special sales of any material or product (other than plant-generated scrap) as scrap if it is obsolete, unusable or not-readily-salable, and will be used or consumed principally as scrap although some part of it may possibly be salvaged by the scrap buyer. Presently the only exceptions to the rule are: copper and copper base alloy (new and used) sold as scrap are governed by Order M-9; used tin cans sold as scrap are governed by Order M-325; domestic mechanical refrigerators (new) may be sold as scrap only on specific WPB authorization on Form WPB-869.

Chemical Salesmen To Golf June 19

The Salesmen's Association of the American Chemical Industry will hold its first golf tournament of the 1945 season at the Plainfield Country Club, Plainfield, N. J. Reservations are in charge of U. Harmon, of the Calco Chemical Division of the American Cyanamid Company, Bound Brook, N. J.

Chemists' Club to Golf At Larchmont June 12

The Chemists' Club will hold a golf outing at the Briar Bonnie Country Club, Larchmont, N. Y., June 12. Any profits realized from the tournament will be donated to the Chemists Club library. Charles W. Frost, of the Prior Chemical Corporation, is chairman of the welfare committee of the club.

Reynolds Metals Buys General Ceramics Unit

The Richmond Radiator Company, subsidiary of Reynolds Metals Company, New York, has purchased the sanitary ware plant of General Ceramic Company at Metuchen, N. J.

A.C. Villagran, Jr., Back

Sgt. Alfred C. Villagran, jr., has returned from England, after completion of thirty-five missions as a rodio man and gunner in a flying fortress. Winner of the air medal with seven oak leaf clusters and a presidential citation, he is the son of A. C. Villagran, importer of raw materials, 82 Beaver street, New York.

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FOR
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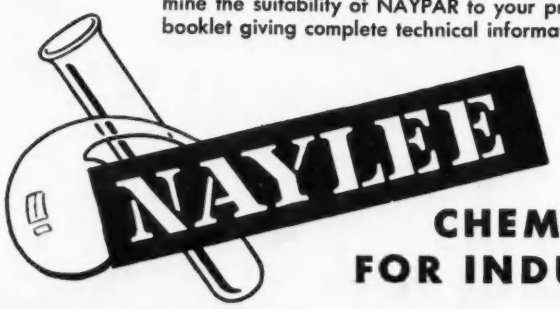
WATERPROOF
AND
MILDEW-PROOF
COATINGS

Early in the war the U. S. Army and Navy selected impregnating compositions based on chlorinated paraffin for treating canvas, duck and many other textiles to make them flame resistant, waterproof and mildewproof. Since then millions and millions of yards of fabric have been treated with Naylee Naypar —Chlorinated Paraffin—helping to safeguard Allied lives and matériel against the ravages of fire, water and mildew.

Soon Naylee Naypar will help protect many different types of products against these same destructive forces.

The urgency of the war has given tremendous impetus to the development of a product that is stable and compatible with many resinous plastics and film forming materials. Naylee Naypar can be easily and quickly compounded with pigments and film formers to give continuous coating in one operation. Its successful use in lacquer and paints, plastics and synthetic rubber as well as most textiles, would indicate a wide field of uses for Naypar.

Consult us with your problem—our chemists may be able to help you to determine the suitability of NAYPAR to your product. Write for FREE, informative booklet giving complete technical information.



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CONSOLIDATED CHEMICAL INDUSTRIES INC.

Surplus Chemicals

—Continued from page 7

Rohwer, Ark.; 432 pounds, Salinas, Calif.

Cupric Chloride, Tech.—112 pounds, Edgewood Arsenal, Md.

Cupric Sulphate, Anhydrous—2 pounds, Anniston, Ala.

Dinitrobenzene — 31 pounds, Edgewood Arsenal, Md.

Dinitronaphthalene — 100 pounds, Edgewood Arsenal, Md.

Dinitrotoluene — 95 pounds, Edgewood Arsenal, Md.

Dyestuffs — 1,330 pounds, Camp Blanding, Fla.; 375 pounds of dark blue, Camp Chaffee, Ark.; 2,550 pounds of Diazo DHN, Camp Carson, Colo., 455 pounds of erie yellow, Camp Carson, Colo.; 3,944 pounds, Huntsville Arsenal, Ala.; 1 pound of nigrosine, Boston, Mass.; 23,950 pounds of orange, Kansas City, Mo., 2,247 pounds of smoke-colored orange, New York; 229 pounds of dark blue wool, Camp Chaffee, Ark; clorantine fast blue, 2,583 pounds, Camp Carson, Colo.; 600 pound of wool blue, Camp Howze, Tex.

Erythrosine—2,250 cc's, Bronx, N. Y.

Epsom Salts—146 pounds, Marion, Ohio.

Ether, Grade A—12,564 quarts, Memphis, Tenn.; 1,135 quarts, Springfield, Ill.; 10 quarts, Houston, Tex.

Ether, Grade B—3,944 ounces, Springfield, Ill.; 68 ounces, Houston, Tex.

Ether, Ethyl—50 pounds, Edgewood Arsenal, Md.

Ethylene Bromide — 1,500 grams, Edgewood Arsenal, Md.

Fast Green, FCF—2,000 grams, Atlanta, Ga.; 3,880 grams, Schenectady, N. Y.

Fast Green, FVT—12,000 grams, St. Louis, Mo.

Ferrous Ammonia, Citrate — 360 pounds, Boston, Mass.

Fertilizer Compound—9,400 pounds, Rohwer, Ark.; 900 pounds, Indio, Calif.; 1,740 pounds, Omaha, Neb.

Formaldehyde — 325 gallons, Edgewood Arsenal, Md.

Glycerin — 110 gallons, Pine Bluff, Ark.; 383 gallons, Granite City, Ill.

Glue—45 pounds, Pittsburgh, Pa.; 1,000 pounds of casein-type, Chicago; 2,100 pounds of pearl hide, Atlanta, Ga.; 55 gallons, Orchard Grove, Ill.; 2,950 pounds of marine, Huntsville Arsenal, Ala.; 250 pounds, Denver, Colo; 104 pounds, Houston, Tex.; 90 pounds, Springfield, Ill.; 100 pounds, Pine Bluff Arsenal, Ark.; marine, 541 pounds, Chicago; 4,800 ounces, Edgewood Arsenal, Md.

Hematoxylin, Light—99,000 capsules, Louisville, Ky.

Hydrobromic Acid—150 pounds, Denver, Colo.

Hydrochloric Acid, Tech—18 pounds, Savannah, Ga.

Hydrocyanic Acid—540 pounds, Camp Chaffee, Ark.; 627 pounds, Ellington Field and Foster Field, Texas.

Hydrofluoric Acid—160 pounds, Camp Stewart, Ga.

Indigo Blue—45 pounds, Edgewood Arsenal, Md.

Iron, Reduced—1,500 pounds, Edgewood Arsenal, Md.

Iso-Propyl Mercaptan—565 gallons, Edgewood Arsenal, Md.

Lead Arsenate—2,852 pounds, Rohwer, Ala.

Lead Arsenate—144 pounds, Salinas, Calif.

Lithium Carbonate — 122 pounds, Schenectady, N. Y.; 125 pounds, Los Angeles, Calif.

Magnesium Carbonate — 3,600 pounds, Atlanta, Ga.

Magnesium Fluorosilicate — 1,485 gallons, Orangeburg, N. Y.; 800 pounds, Huntsville Arsenal, Ala.; 6,350 pounds, Des Moine, Iowa.

Magnesium Nitrate—990 pounds, Salinas, Calif.

Magnesium Oxide — 6,600 pounds, Huntsville Arsenal, Ala.

Magnesium—329 pounds, Edgewood Arsenal, Md.

Magnesium Phosphate—200 pounds, Salinas, Calif.

Magnesium Sulphate—1,100 pounds, Cincinnati, Ohio; 2,635 pounds, Salinas, Calif.

Magnesium Sulphate—4 pounds, Marion, Ohio.

Malachite Green — 25,000 grams, Louisville, Ky.

Manganese Oxide—20 pounds, St. Louis, Mo.

Methyl Bromide—250 pounds, Denison, Texas.

Methyl Orange—27,940 vials, Louisville, Ky.

Methyl Violet — 360,000 grams, Louisville, Ky.

Molybdic Acid, Anhydride—200 pounds, Savannah, Ga.; 1,000 pounds, San Francisco, Calif.; 148 pounds, Binghamton, N. Y.

Naphtha, Aromatic, Type 3—29,347 gallons, Topeka, Kans.; 62,870 gallons, South Bend, Ind.; 16,567 gallons, Columbus, Ohio; 9,061 gallons, Memphis, Tenn.

N-Butyl Sulphite—2,500 grams, Edgewood Arsenal, Md.

Nickel Hydroxide—18 pounds, Cincinnati, Ohio.

Nickel Sulphate—9,000 gallons, Cincinnati, Ohio.

Nicotine Sulphate—810 pounds, Rohwer, Ala.

Nitrogen — 33 cylinders, Lexington, Ky.

Nitro Naphthalene — 92 pounds, Edgewood Arsenal, Md.

Parazole, Tech—215 pounds, Edgewood Arsenal, Md.

Phenol, CP—7 pounds, Bronx, N. Y.

Phenol-Formaldehyde Resin—67,477 pounds, Bristol, Va.

Phenolamine—3,431 pounds, Oakland, Calif.

Phophotungstic Acid—100 ounces, bottles, powder, Schenectady, N. Y.; 900 ounces, liquid, San Francisco, Calif.; 150 ounces, bottles, powder, Atlanta, Ga.; 814 ounces, liquid, bottles, Binghamton, N. Y.; 749 ounces, bottles, Denver, Colo.

Phosphoric Acid—518 gallons, Atlanta, Ga.; 262 gallons, Memphis, Tenn.

Phosphorus—204 pounds of red amorphous, Denver, Colo.

Potash Acid Phthalate — 24,960 grams, Binghamton, N. Y.; 90,000 grams, Savannah, Ga.

Potash Bromide—557 tubes, Granite City, Ill.; 115 pounds, Grante City, Ill.; 195 tubes, Bronx, N. Y.

Potash Carbonate—70 pounds, Metuchen, N. J.

Potash Chlorate—75,875 pounds, Huntsville Arsenal, Md.

Potash Chloride — 9,800 ounces, Louisville, Ky.; 300 pounds, Salinas, Calif.

Potash Chrome Alum—24 pounds, Metuchen, N. J.

Potash Chromate—20 pounds, Schenectady, N. Y.; 105 pounds, Binghamton, N. Y.

Potash Cyanide—124 pounds, Sharonville, Ohio; 250 pounds, Granite City, Ill.

Potash Ferrocyanide—79,293 ounces of crystals. Louisville, Ky.; 250 ounces, Binghamton, N. Y.

Potash Metabisulphate—5,992 pounds, Topeka, Kans.; 12,374 pounds, South Bend, Ind.

Potash Muriate—1,000 pounds, Indio, Calif.

Potash Nitrate—19,800 pounds, Pasco, Wash.; 800 pounds, Salinas, Calif.

Potash Nitrate—5,600 pounds, Buffalo, N. Y.

Potash Permanganate—1½ pounds. Anniston, Ala.; 1,980 pounds, Salinas, Calif.

Potash Phosphate—820 pounds, Salinas, Calif.

Potash Sulphate—820 pounds, Salinas, Calif.

Potato Starch—790 pounds, Chicago; 1,910 pounds, South Bend, Ind.

Pyrocatechine—15 pounds, Edgewood Arsenal, Md.

Resin—54,790 ounces, Louisville, Ky.

Soda Acetate—1,698 pounds, Savannah, Ga.

Sal Ammoniac—4 pounds, Malden, Mo.

Soda, Baking—900 pounds, Detroit, Mich.

Soda, Caustic—95,000 pounds, Stewart, Ga.

Soda Hexametaphosphate — 50 pounds, East St. Louis, Ill.

Soda Lime—42,350 pounds, Edgewood Arsenal, Md.

Soda Acetate—950 pounds of CP, Louisville, Ky.

Soda Bisulphite—10,200 pounds of CP, Savannah, Ga.

Soda Borate—665 pounds, Edgewood Arsenal, Md.

Soda Bromide—468 pounds of USP, Edgewood Arsenal; 545 pounds of CP, Edgewood Arsenal; technical, 1,100 pounds, Edgewood Arsenal, Md.; reagent, 1,100 pounds, Denver, Colo.

Soda Carbonate, Anhydrous—1 pound, Anniston, Ala.

Soda Chloride—3,500 pounds of granulated, Alva, Okla.

Soda Citrate—1 pound, Anniston, Ala.

Soda Dichromate—7 pounds, Anniston, Ala.

Soda Fluoride—1 pound of technical, Binghamton, N. Y.; 125 pounds, Metuchen, N. J.

Soda Iodide—1,428 pounds of CP, Edgewood Arsenal, Md.

Soda Nitrate—40,000 pounds, Rohwer, Ark.

Soda Phosphate—5,000 pounds of anhydrous, Omaha, Neb.; 203 pounds of reagent, Binghamton, N. Y.; 125 pounds of dibasic, Schenectady, N. Y.

Soda Sulphate — 7,014 pounds of technical, Cincinnati; 8 pounds of dibasic, Anniston, Ala.

Continuous production . . .

24 hours a day . . .

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Chemicals

Acids . . . formic, metaphosphoric, oxalic, phosphoric, polyphosphoric.

Formates . . . aluminum, sodium, sodium boro-.

Metaphosphates . . . aluminum, ethyl.

Orthophosphates . . . ammonium, calcium, iron, magnesium, potassium, sodium.

Oxalates . . . calcium, sodium.

Phosphorus (yellow)

Ferrophosphorus

Phosphorus compounds . . . chlorides, pentoxide.

Pyrophosphates . . . calcium, sodium acid, sodium iron, tetrapotassium,tetrasodium.

Sulphates . . . magnesium, sodium aluminum.

Here is one record of which we are quite proud. It has been made possible only through skillful management, maintenance, and operating supervision. All through the war years Victor's Oxalic Acid plant has been on the job . . . day and night.

The requirements for Victor Oxalic Acid still exceeds the supply . . . but some day, soon it is hoped, we will again be in a position to fulfill the demand for this 99.8% pure product. Clean, sparkling white Victor Oxalic Acid is available in several granulations, and packed in 325-lb. barrels or 130-lb. drums.

Peacetime uses of Victor Oxalic Acid are extensive . . . as a laundry "sour" . . . in radiator compounds . . . for cleaning railway cars . . . removing iron stains from marble, cotton linters, wood pulp, etc. . . . preparing metal polish . . . making blue print paper . . . bleaching wood floors, straw, colored candles (to salvage wax), etc. . . . removing rust stains from rosin . . . making basic dyes . . . as a leather stuffing compound and bleach.

VICTOR *Chemical Works*

HEADQUARTERS FOR PHOSPHATES • FORMATES • OXALATES

141 West Jackson Boulevard, Chicago 4, Illinois

NEW YORK, N. Y.; KANSAS CITY, MO.; ST. LOUIS, MO.; NASHVILLE, TENN.; GREENSBORO, N. C.

PLANTS: NASHVILLE, TENNESSEE; MT. PLEASANT, TENNESSEE; CHICAGO HEIGHTS, ILLINOIS

Soda Sulphide—1,335 pounds of anhydrous, Los Angeles, Calif.

Soda Sulphite—3,373 pounds of anhydrous, Binghamton, N. Y.; 6,250 pounds of anhydrous, San Francisco, Calif.; 24,950 pounds, Louisville, Ky.; 1,750 pounds, Monsanto, Ill.

Sulphosalicylic Acid—2,000 ounces, San Francisco, Calif.; 250 pounds, crystals, Denver, Colo.

Sulphuric Acid—13 gallons, Orangeburg, N. Y.

Sulphurous Acid—1,835 pounds, bottles, Ogden, Utah; 325 pounds, bottles, San Francisco, Calif.; 1,265 pounds, bottles, Denver, Colo.

Sulphur Flour—9,220 pounds, Huntsville Arsenal, Ala.; 70,200 pounds of rolled, Saratoga Springs, N. Y.; refined, 1,350 pounds, Spider Brand, 100-pound sacks, Rohwer, Ark.

Tar—165 gallons, Orchard Grove, Ill.

Tar—1,045 gallons, Orangeburg, N. Y.

Triphosgene — 100 pounds, Edgewood Arsenal, Md.

Tyrosine—400 grams, Atlanta, Ga.; 100 grams, Schenectady, N. Y.; 200 grams, Binghamton, N. Y.

Urea—16,600 ounces, Louisville, Ky.; 6,700 ounces, Los Angeles, Calif.

Zinc Chloride—15 pounds, Schenectady, N. Y.

Zinc Sulphate—450 pounds, Orangeburg, N. Y.; 86 pounds, Independence, Mo.; 1,346 pounds, Binghamton, N. Y.

Chemical Surplus Sales

—Continued from page 7

Color pigments, except organic lakes and toners (group 19-42), $30,427 acquired, $22,077 sold for $7,477, leaving $8,350.

Paint dryers (group 19-43), $3,093 acquired, $26 sold for $24, leaving $3,067.

Wood fillers (group 19-44), $4,584 acquired, $748 sold for $561, leaving $3,836.

Whiting (group 19-45), $3,965 acquired, $2,035 sold for $986, leaving $1,930.

Fertilizers and fertilizer materials (19-5), $2,830 acquired, $2,230 sold for $2,287.

Nitrogenous fertilizers (group 19-51), $372 acquired, $105 sold for $70, leaving $267.

Phosphatic fertilizers (group 19-52), $50 acquired, none sold.

Potassic fertilizers (group 19-53), $23 acquired, none sold.

Fertilizers containing nitrogen and phosphorus (group 19-54), $13,912 acquired, $12,066 sold for $12,066, leaving $1,846.

Fertilizers containing nitrogen and potassium (group 19-55), $820 acquired, none sold.

Fertilizers containing nitrogen, phosphorus, and potassium (group 19-57) $2,556 acquired, none sold.

Fertilizers and fertilizer materials, not elsewhere classified (group 19-59), $131 acquired, none sold.

Insecticides, fungicides, and agricultural chemicals (group 19-6), $2,991 acquired, $2,909 sold for $1,195, leaving $82.

Inorganic insecticides (group 19-61), $3,235 acquired, $125 sold for $130, leaving $3,110.

Organic insecticides (group 19-62), $345 acquired, none sold.

Fungicides (group 19-63), $2,602 acquired, none sold.

Explosives and components of explosives (group 19-7), $23,440 acquired, $23,044 sold for $17,979, leaving $396.

High explosives (group 19-74), $732 acquired, $186 sold for $93, leaving $546.

Blasting supplies, except black blasting powder (group 19-76), $879 acquired, $847 sold for $209, leaving $32.

Plastics materials, synthetic fibers, and synthetic elastomers (group 19-8), $89,226 acquired, $38,391 sold for $33,788, leaving $50,835.

Condensation plastics (group 19-81), $37,163 acquired, none sold.

Polymerization plastics, except fibers (group 19-82), $10,830 acquired, $700 sold for $450, leaving $10,130.

Protein plastics, except fibers (group 19-83), $365 acquired, none sold.

Cellulose plastics, except filaments and fibers (group 19-84), $125,556 acquired, $110,156 sold for $71,597, leaving $15,400.

Synthetic fibers (group 19-86), $44 acquired, $44 sold for $24.

Synthetic elastomers, by type (crude synthetic rubber) (group 19-87), $3,481 acquired, $2,650 sold for $2,650, leaving $831.

Plastic materials, synthetic fibers, and synthetic elastomers, not elsewhere classified (group 19-89), $1,611 acquired, $120 sold for $192, leaving $1,491.

Miscellaneous chemicals, including industrial chemical products and preparations (group 19-9), $829,601 acquired, $220,672 sold for $107,295, leaving $608,929.

Chemicals, including industrial chemical products and preparations not elsewhere classified (group 19-99), $92,517 acquired, $25,545 sold for $5,998, leaving $66,972.

Niacet Division Formed By U.S. Vanadium Corp.

Announcement has been made by J. R. Van Fleet, president of United States Vanadium Corporation, a unit of Union Carbide and Carbon Corporation, of the formation as of May 5, 1945, of the Niacet Chemicals Division of the United States Vanadium Corporation. This new division will manufacture and market products formerly made and sold by Niacet Chemicals Corporation, principally glacial acetic acid and vinyl acetates.

The local plant and sales organization of Niacet in Niagara Falls will be continued. The new sales offices of the Niacet chemicals division will be located at 910 Niagara Building, Niagara Falls, New York.

Maas
THE STANDARD OF THE MOTION PICTURE INDUSTRY
PHOTO-PURE Sodas

SODIUM SULFITE Anhydrous
SODIUM HYPOSULFITE Diamond, Pea Crystal
SODIUM CARBONATE MONOHYDRATE
SODIUM THIOSULFATE Anhydrous

GLACIAL ACETIC ACID
HYDROQUINONE
ARMOL
POTASSIUM ALUM
BORAX
BORIC ACID
★ And a complete line of photographic chemicals.

A. R. MAAS CHEMICAL CO.
4570 ARDINE STREET - SOUTH GATE, CALIFORNIA
"ARMED FOR CHEMICAL SERVICE"

MURIATIC ACID
(TANK CARS & CARBOYS)
DEMSEE ASSOCIATES
PENNSYLVANIA BLDG. • PHILADELPHIA 2, PA.

BARIUM & CHEMICALS INC.
WILLOUGHBY, OHIO
BARIUM AND STRONTIUM PRODUCTS
OXIDE (Porous Free from Carbides)
HYDRATE
HYDROXIDE
PEROXIDE
FLUORIDE
CHLORIDE
OXALATE
CITRATE
TARTRATE

Kiln Burned
HARDWOOD CHARCOAL
Now Available at
$32. PER TON BULK BASIS
f.o.b. Argyle or Meta, Missouri, or Baron, Oklahoma. (Our Option)
PAPER BAGS, $4.00 Per Ton Over Bulk
BURLAP BAGS, $5.50 Per Ton Over Bulk
Lump, Granular, Powdered
Subject to allocation by War Production Board.
Prices subject to change without notice
ALABAMA CHARCOAL CO.
Division of
THOMPSON - HAYWARD CHEMICAL CO.
KANSAS CITY, MISSOURI

LITHIUM SALTS
Carbonate Fluoride
Chloride Hydroxide
Now Available
METALLOY CORPORATION
RAND TOWER MINNEAPOLIS, MINN.

DRUMS RECONDITIONED
CLEANED DENTS REMOVED
TESTED BAKED ENAMEL
RELINED (High Temp.)
NEWARK STEEL DRUM CO.
C. J. COLVILLE, President
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TRADE MARK GENUINE FRENCH PROCESS ZINC OXIDE
SPECIAL ZINC PIGMENTS — METALS AND METAL POWDERS
GENUINE FRENCH PROCESS
AND
AMERICAN PROCESS
ZINC OXIDE
FOR ALL PHARMACEUTICAL, COSMETIC AND INDUSTRIAL PURPOSES
•
ZINC CARBONATE - ZINC STEARATE
ZINC SULPHATE
•
COPPER SULPHATE
All Grades in Small and Large Crystals, Granular and Snow
MONOHYDRATED
Copper Carbonate - Copper Oxide
•
NICKEL SULPHATE
ZINC DUST
•
ALUMINUM
POWDER AND PASTE, ALL GRADES
•
INDUSTRIAL CHEMICALS
FINE CHEMICALS
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AMERICAN FIRSTOLINE CORPORATION
420 Lexington Avenue New York 17, N. Y.

GUARANTEED 94% PURE
POTASSIUM PERSULPHATE CRYSTALS
100% will pass through a 20 mesh screen
PENNSYLVANIA SALT MANUFACTURING COMPANY
Chemicals
1000 WIDENER BUILDING, PHILADELPHIA 7, PA.
New York • Chicago • St. Louis • Pittsburgh • Cincinnati • Minneapolis • Wyandotte • Tacoma

LOOK to Michigan for . . .
CALCINED MAGNESIA— for neoprene compounding
METHYL BROMIDE— for effective fumigation
HYDROBROMIC ACID— for organic synthesis
DDT (under WPB Allocation)— the miracle insecticide
PROMPT shipment of these and other chemicals
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MINERALS & CHEMICAL CORPORATION
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CHEMICALS • PHOSPHATE • POTASH • FERTILIZER

FLAKE and SOLID
SODIUM SULFIDE
60-62%
BARIUM CHEMICALS
Manufactured by
CHEMICAL PRODUCTS CORPORATION
CARTERSVILLE, GA.

NICKEL SULPHATE
Exceptional Purity
•
LOTTE CHEMICAL CO., Inc.
Manufacturers
PATERSON NEW JERSEY

DDT Used Against Potato Tuber Flea

The first approved commercial use of DDT has been announced by the Chemicals Bureau of the War Production Board. The approval was granted upon the request of the War Food Administration for a limited quantity of technical grade to be used in Oregon only for use against the potato tuber flea beetle.

Oregon State College requested DDT because rotenone ordinarily used for this purpose in combination with calcium arsenate, is not available, and there are no other effective substitute materials for this purpose, WPB said.

Use of a three percent DDT dust was recommended for the control of the potato tuber flea beetle in a bulletin recently published by Oregon State College.

WFA explained that the use of DDT against this insect is restricted to Oregon because it is only in that area that severe damage to the tuber cannot be prevented by materials used elsewhere, such as calcium arsenate or cryolite.

The limited supply of DDT available for other than direct military use makes it impossible to allow general commercial use of DDT for pest control, WPB said. According to present policy, DDT is being made available for experimental and research to develop information for the use of this insecticide when military cutbacks permit its use commercially.

Antifreeze L-Order Amended as to Appeals

OPD Washington Bureau

Appeals under L-258, the production and distribution regulation covering salt and petroleum type antifreeze solutions, must be filed in the field offices of the War Production Board under a new amendment to the order. Previously, appeals under L-258 were filed in Washington. The order has been further amended, WPB said, to require persons filing such appeals to use Form WPB-1477 instead, as formerly, submitting a letter in triplicate.

Refrigeraton Equipment Ass'n Elects Hood Head

F. J. Hood, vice-president of the Ansul Chemical Company, Marinette, Wis., was elected president of the Refrigeration Equipment Manufacturers Association at a meeting of the new board of directors in the LaSalle hotel, Chicago, May 24. He succeeds Arthur B. Schellenberg, president of the Alco Valve Company, St. Louis, Mo., as head of the association which comprises more than seventy-five members representing every branch of the refrigeration and air conditioning industries.

Armstrong Cork P.A.

M. L. Lampe has been named general purchasing agent for the Armstrong Cork Company, Lancaster, Pa., succeeding R. A. Barton, who retired June 1 after thirty years of service with the company. Mr. Lampe has been a member of the purchasing department since 1921 and assistant purchasing agent since 1937.

Liquid Gas & Equipment Company, Hawthorne, Calif., plans a new building at a cost of $7,500.

LIQUID Sulfur Dioxide by ANSUL*
LIQUID Methyl Chloride by ANSUL*
LOOK FOR THESE TRADEMARKS
• PURITY
• QUALITY
• ECONOMY
• DEPENDABILITY
*REG. U. S. PAT. OFF.
ANSUL CHEMICAL COMPANY
MARINETTE, WISCONSIN
Eastern Office: 60 E. 42nd St., New York City

CAL-A-SAL
PATENTED
SAL AMMONIAC SOLID
ONE POUND CAKES
FOR SOLDERING, TINNING, PLATING, GALVANIZING AND FLUX
H. H. ROSENTHAL CO.
25 E. 26th ST., NEW YORK 10, N. Y.
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IMPORT EXPORT

GREEN CHROMIUM OXIDE
CERAMIC COLOR AND CHEMICAL MFG. CO., 1000 13th St., New Brighton, Pa.

A SALES PROGRAM FOR EACH PRODUCT
MARKETING BY CHEMISTS & ENGINEERS
Coastal-Chem LTD.
739 BRYANT ST. SAN FRANCISCO 7, CALIF.
Let us keep your war plant operating by finding markets for your products!
CHEMICALS AND INDUSTRIAL PRODUCTS

Agricultural Chemicals

Representative John W. Flannagan, of Virginia, has introduced in Congress another bill (H. R. 3321) providing that distribution of agricultural chemicals, fertilizers or fertilizer materials, soil conditioners, insecticides, and seeds and feeds are to be subject to the inspection laws of the several States. It would not apply, however, to shipments to State or Federal experiment stations by any manufacturer or department of the government.

Inventories of fertilizer materials are low at the close of the season and it looks as if the new year will start with shelves practically cleared. Manpower shortage with the resultant cutback in production left a lot of nitrogenous requirements unsatisfied. Reports from Los Angeles stated that all supplies of nitrogen and potash in that area are exhausted and the trade is awaiting the announcement of July allocations. Atlanta reported that a large amount of top-dressing materials will be used this month to hasten plant growth. Reduced slaughter-house operations at Chicago have shortened the supply of nitrogenous fertilizer products. Green labor installed in some of the Baltimore superphosphate factories has not helped out so well. WPB has not announced potash allocations, which may be responsible for the delay in naming potash contract prices for 1945-46. A heavy export inquiry has developed for phosphate rock.

Nitrogenates

Ammonia Sulphate — Bureau of Mines places production for April at 128,277,376 pounds against 140,824,552 pounds in March. Stocks at the end of April were given at 57,547,920 pounds, compared with 68,903,693 pounds at the close of March. Demand was active last week with no indication of excess inventories in this section of the country.

Bone Meal—Buying conditions have not improved. The tight position of supplies brought about by smaller meat production has restricted business for both feed and fertilizer purposes.

Castor Pomace—No material was offered for nearby shipment. Production has moved against contracts and has not been available to satisfy additional requirements.

Dried Blood—Like other packing-house byproducts, this material has been difficult to locate. A good demand for feeding purposes was only partially satisfied.

Fish Scrap—Reports of the menhaden catch have been satisfactory so far this season. The active extent of demand has limited the amount of scrap reaching grinders and prevented any accumulation of inventories. The market closed firm and tight. In April WFA purchased 60,000 pounds of fish meal for delivery against lend-lease.

Soda Nitrate—Heavy demand reported for both agriculture and industry. Regardless of domestic production and steady importations, shipments have been sufficient to keep the supply situation from revealing any excess inventories. The War Shipping Administration announces it has approved rate order No. 328 providing a rate of $11 per ton on shipments of nitrate of soda from Chile to Hawaiian Islands. The rate also carries a surcharge of 13 percent and applies on loadings completed on and after May 24.

Tankage—Occasional sales of carlots were reported last week at ceiling prices but offerings were definitely scarce while demand continued active. The market fully reflected the effect of the cutback in packing-house production. In nitrogenous material, the California Department of Agriculture stated that 2,957 tons of sewage sludge had been sold for agriculture during the first quarter of 1945.

Phosphates

Phoshate Rock—Export inquiries have reached this market in considerable volume and orders for several thousand tons are reported to have been placed. While a lot of foreign countries have been represented, the principal demand has come from Austrailia, Belgium and Sweden. Difficulty in securing ships has retarded the outward movement but it is expected that ocean tonnage will eventually be provided. Domestic demand has continued active with boxcar shortage still a problem in moving material from mines.

Superphosphate—Demand has been well sustained for this material. The fact that a lot of areas in the East have to be replanted has kept on the pressure longer than usual. While green labor has been utilized to help out at some points, the results so far as production is concerned have not been entirely satisfactory. The market position remained firm with buying interest mounting in future contracts.

Potashes

Deliveries for agriculture are estimated at 714,325 tons of K_2O for the year of 1944-45. The supply was confined to domestic producers who were capable of handling the demand for industry, agriculture and export. Reports indicate that the new fertilizer year will start with shelves practically clear of inventories which is quite a contrast with the previous year when there were considerable stocks in the hands of fertilizer manufacturers. It is hoped that domestic output will stay in the Western hemisphere during the coming year. A large part of the producing facilities in France were destroyed during action in the Alsace area and the condition of the German mines is unknown. For the next two years, a limiting factor in the possible importation of potash from both France and Germany will be lack of internal transporation and power there.

Markets at Other Centers

Baltimore, June 1.—Fishing companies have refused to book any more business in scrap until they have a clearer idea as to production. Phosphate plants are not sufficiently manned to bring output up to normal. Blood and tankage are too high for fertilizer.

Chicago, June 1.—Call for nitrogenous materials was somewhat better and some recent offerings have been purchased. This left the market in a generally firm condition. Prices were maintained on all products. Blood was in good call. Tankage items met with some interest. Bone materials held their own.

Los Angeles, June 1.—Virtually all stocks of nitrogen and potash were exhausted in this area last week, and the trade was waiting for word of July allocations. Canadian producers are behind on shipments of ammonia nitrate and phosphate. All other materials were extremely short.

Insecticides

Demand for agriculture and industry has kept supplies of copper sulphate at a record low level for this time of year and inventories will likely be entirely liquidated by the end of the month. Improvement is expected to take place in July. In general it may be stated that requirements of basic copper sulphate are being satisfied and shortages have been confined to the powder and monohydrated grades in packages where manpower scarcity has tended to restrict shipments. The overall domestic demand registers about the same as last year, but the export inquiry is much larger and covers a distinctly wider agricultural field. The problem confronting the industry for the next year will be to take care of domestic demand and still have enough to cover Latin America and Continental Europe. Government officials point out that if copper sul-

—*Continued on page 70*

Market Trends

Prices Advanced

None

Prices Reduced

None

Comparative Price Indexes

Fertilizer Materials

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
71.8	71.8	71.8	71.8

SUNSHINE STATE POTASH
A PRODUCT OF NEW MEXICO U.S.A.
MURIATE OF POTASH 62/63% K_2O ALSO 50% K_2O
MANURE SALTS 22% K_2O MINIMUM
REG. U. S. PAT. OFF.
UNITED STATES POTASH COMPANY Incorporated
30 ROCKEFELLER PLAZA · NEW YORK, N. Y.

Domestic SULPHATE of AMMONIA AND AMMONIA LIQUOR
MADE IN THE U. S. A.
Barrett NITROGEN
THE BARRETT DIVISION
ALLIED CHEMICAL & DYE CORPORATION
40 RECTOR STREET · NEW YORK 6, N. Y.

SELECTED SPENT FULLERS EARTH
The Unexcelled Fertilizer Conditioner used by Leaders in the Industry
THE DICKERSON COMPANY
DREXEL BUILDING · · PHILADELPHIA 6, PA.

P.C.A. RED MURIATE

The SALT *of the Earth*

There can be no finer product than PCA's Red Muriate of Potash. Literally as well as figuratively it is "The Salt of the Earth".

PCA leads in total production of 60% Muriate. Its Red Indian trade-mark is becoming more and more important in the fertilizer industry... more and more important to the farmers who rely upon your mixtures to help them make their crops.

POTASH COMPANY of AMERICA
CARLSBAD, NEW MEXICO
GENERAL SALES OFFICE...50 Broadway, New York, N. Y.
• SOUTHERN SALES OFFICE...Mortgage Guarantee Building, Atlanta, Ga.

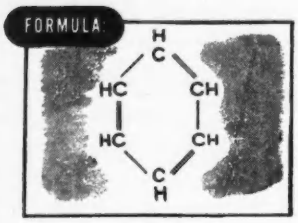
For Current prices see alphabetical listing beginning on page 9.

BENZOL

DEFINITION: Benzol (Benzene) is the parent hydrocarbon of the aromatic compounds. It is the basic raw material for the synthesis of many organic chemicals.

HISTORY: Discovered in 1825 by Faraday in an oil obtained by compressing illuminating gas. Hofmann found it in coal-tar in 1845. The process of recovering benzol industrially was first developed by Charles Mansfield.

FORMULA:



SOURCES: Benzol is obtained principally from the destructive distillation of coal. Most of the benzol produced in this operation is recovered by scrubbing coke-oven gas, while the balance is found in the portion of coal-tar that distills below 170°C.

CHARACTERISTICS: The pure product is a mobile, colorless liquid. It boils at 80.1°C., and crystallizes at 5.5°C. It is practically insoluble in water but mixes readily with ether, anhydrous alcohol, petroleum distillates and many organic liquids.

USES: A solvent for stains, coatings, and rubber cements; an essential raw material for the manufacture of dyes, tetryl and other explosives, synthetic rubber, phenol, aviation fuel, and D.D.T.

GRADES:

	Sp. Gr.	Boiling Range
Benzol, Nitration Pure	.882-.886	1°C max. incl. 80.1°C
Benzol, Industrial Pure	.875-.886	2°C max. incl. 80.1°C
Benzol, 90%	.870-.886	Start: Min. 78.2°C 90% Min. at 100°C
Thiophene-free Benzol	.882-.886	1°C max. incl. 80.1°C

NOTE: Deliveries today are somewhat restricted by the demand for war uses.

This is one of a series of advertisements presenting information on basic coal-tar chemicals.

Awarded to the men and women of the Barrett Frankford Chemicals plant for excellence in the production of war materials.

THE BARRETT DIVISION
ALLIED CHEMICAL & DYE CORPORATION
40 Rector Street, New York 6, N. Y.
The Barrett Company, Ltd., 5551 St. Hubert Street, Montreal, Que.
ONE OF AMERICA'S GREAT BASIC BUSINESSES

Coaltar Chemicals

Coaltar chemicals have retained their tight supply condition. According to trade reports, there have been some cutbacks in government requirements but to date, these have been small and not of a character to visibly affect the fundamental market position. Trade opinions suggest more drastic cutbacks as the year progresses. The pressure on naphthalene has not relaxed and this can be traced to phthalic anhydride where the government call is heavy. Benzol continued tight under a steady military demand. Toluol and xylol remained in active request and so did cresylic acid and phenol. So much depends on military developments in the Pacific that it was difficult to form any concrete idea as to the immediate outlook. Essenital requirements which have taken most of the hydrogenated solvents, were still potent in those markets.

Anilin has not relaxed from its tight position and there is still a large unsatisfied demand for anilin oil to be filled. Inquiry for maleic anhydride has kept above current production. Some kind of cutback was expected in the government use of phthalic anhydride through a relaxation in the call for the phthalates but it was sugguested this might be followed by less naphthalene being allocated so that any such development would be neutralized. In general, the production of intermediates was bottlenecked by the same stringency in basic materials and manpower shortages that have prevailed in recent months.

Steel operations for the week beginning May 28 were scheduled at 91 percent of ingot capacity, compared with 92.9 percent for the previous week, according to the American Iron and Steel Institute. A month ago, the indicated rate was 95.8 percent. The present schedule is equivalent to the production of 1,666,800 net tons of ingots and castings, compared with 1,701,600 tons for the preceding week and 1,746,000 tons for the corresponding week in 1945.

Basic Products

Benzol—Supply position continued tight with no apparent easement in demand for military requirements noted to date. There was a feeling in the trade that a broadening of allocations might take place in the near future on account of the defeat of Germany and the cutback of aviation gasoline to that area.

Coaltar—April production as coke by-product was given by the Bureau of Mines at 58,719,810 gallons, compared with 64,647,884 gallons in March. The supply at the end of April was 34,855,853 gallons against 34,967,984 gallons at the end of March.

Creosote Oil—Output in April as coke by-product was placed at 3,111,764 gallons compared with 3,463,613 gallons in March. Stocks at the end of April were 958,558 gallons against 851,640 gallons at the close of March, according to figures released by the Bureau of Mines.

Cresylic Acid—A lot of imported and domestic material is being channeled to makers of plastics and tricresyl phosphate. Inquiries from other sources seemed to be broader and the combined demand was considerably beyond the supply limit. The market opened the month in the same tight condition.

Naphthalene—Bureau of Mines reported April production as coke by-product at 8,000,052 pounds, compared with 7,934,492 pounds in the preceding month. Stocks at the end of April were 2,319,868 pounds against 2,172,850 pounds at the end of March. Heavy demand for the manufacture of phthalic anhydride has held the supply position definitely tight.

Phenol—Market's tight position has uncovered no appreciable change. Demand has held its margin over supply while production has been restricted by the amount of benzene made available. Meanwhile, makers of salicylates, insecticides, preservatives and other civilian necessities have a lot of their requirements unsatisfied.

Toluol—Described as firm and tight with no material change in requirements for the war program to date. Civilian demand was active with a large part of requirements unsatisfied. Solvents have been given a good part of their requests while protective coatings have less than half of their wants covered.

Xylol—Supply situation remained tight and without important change, so far. Aside from military requirements, demand was active for civilian uses. The heaviest call seemed to come from makers of protective coatings, blends and adhesive cements.

Chicago, June 1.—Trade in coaltar bases continued to show evidence denoting interest on the part of buyers. Offerings were such as to indicate persistent tightness. Generally, the undertone held firm. Ruling prices exclusive of tax were:—Benzol, pure, in tankcars, freight allowed up to 2c. per gallon, 15c. per gallon; toluol, 2 degree, same basis, 28c.; 10-degree xylol, same basis, 30c.; industrial xylol, same basis, 27c.; solvent naphtha, same basis, 27c.; creosote oil, same basis, 15½c.

Hydrogenated Solvents

Production has passed rapidly into consuming channels and prevented the accumulation of excess inventories. Demand was reported to include specific requirements necessary to the war effort in the Pacific area. Shipments of cyclohexanone accounted for a good part of the week's movement. The overall situation was described as tight at the close.

Coaltar Acids

Anthranilic—Market position reported tight with output moving steadily into consuming channels. A good part of current production was said to be moving into anthraquinone dyes.

Broener's—Limited production was taken chiefly for specialties where brilliant reds and similar shades were required. Available stock short.

Gamma—Found a steady outlet for use in the production of dyes and intermediates. Between demand and restricted production, the market was devoid of any excess inventories.

Maleic—While a well-assorted volume of inquiries were in the market for the anhydrous grade, the major part of production was taken by manufacturers of maleic and phthalic alkyd resins. Current output was inadequate to meet anything like demand in full.

Picric—Continued to move chiefly for military use. Production sufficient to meet requirements essential to the war effort.

Other Intermediates

Anilin—Constant drain for military requirements has kept the civilian supply short. Demand for anilin oil was active as this material goes into a broad consuming field. It was believed that government wants will gradually decrease, but at this time it was not known whether this would tend to ease the overall supply position owing to the amount of unsatisfied civilian requirements waiting to be covered.

Dinitrobenzene—Production was reported to have covered military re-

Market Trends

Prices Advanced
None

Prices Reduced
None

Comparative Price Indexes
(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
129.2	129.2	129.2	129.2

Coke By-Products

Estimates of by-product coke-oven operations in the week ended May 26 indicate the following output of by-products from that source:—

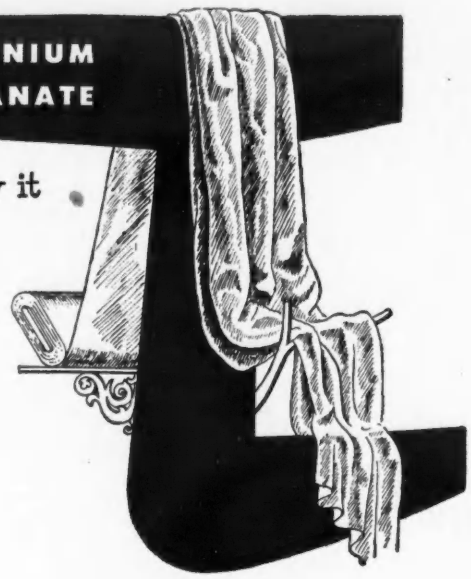
Ammonia liquid NH_3	lbs.	1,076,446
Ammonia sulphate	lbs.	27,874,285
Benzol	gals.	3,512,613
Coaltar	gals.	13,030,661
Creosote oil	gals.	725,185
Naphthalene	lbs.	1,722,314
Phenol	lbs.	203,958
Toluol	gals.	702,523
Xylol	gals.	158,634

For Current prices see alphabetical listing beginning on page 9.

Maybe you need

AMMONIUM THIOCYANATE

but do not know it



Experience has shown that no matter what uses have been developed for certain products, new uses never before dreamed of are eventually found by research men and chemists.

Perhaps YOU could use ammonium thiocyanate . . . if you only knew it. We are in a position to supply test samples, or to ship in commercial quantities.

Here are textile uses suggested:

1. To improve dyeing properties of rayon and other cellulosic fibres.
2. To improve softness and "handle" of animal and vegetable fibres.
3. To assist, as a curing agent, in producing synthetic resin finishes.
4. To act as a developer for dyes and as a "solvent" for printing pastes.

Can you find another use?

KOPPERS

The Industry that serves all industry

KOPPERS COMPANY, INC. · Pittsburgh 19, PA.

TAR AND CHEMICAL DIVISION

OPD—6-4-1945 43

quirements in full but the supply left for civilian use was limited. Production regulated by the amount of basic material made available.

Diphenylamine—Consuming demand has been mounting while production has been restricted by stringent conditions current in anilin. Although shipments have been made in full to sustain the war program, this cannot be said of the movement for civilian requirements.

Paradichlorobenzene—There has not been enough benzene made available to allow an increase in production of para. Demand has continued active and the market's supply position has remained definitely tight. The call for use as an insecticide has been steadily mounting.

Phthalic Anhydride—Shipments of this material directly or indirectly to satisfy the war effort have continued heavy and have accounted for the absorption of the major part of output. Cutbacks are expected for government requirements of phthalates but these may be neutralized by similar decreases in the amount of naphthalene made available. At present demand is holding its gain over the producing level and the market position is distinctly tight.

Coaltar Colors

Textile mills operating mostly on government orders have applied for such dyestuffs needed to process materials going into the army and navy. While it was expected that cutbacks will eventually ease the civilian dyestuff supply situation there was no evidence of increased offerings last week. Labor shortage, stringency in basic materials, and current restrictive measures remained factors instrumental in curbing dye output.

Strategic Materials Buying In Calif., Ariz., Mont. Halted

The purchase of chrome, manganese, tungsten, tin ore, antimony and similar war strategic materials at depots of the Metals Reserve Company in Fresno and Tracy and other cities in California, Arizona, Montana and Oregon will be terminated June 30.

Washington Talks It Over

—Continued from page 5

now that the two-ocean war has been telescoped into a one-front war, their criticisms and complaints over domestic affairs no longer will be considered detrimental to the war effort.

An obvious release of pent-up feelings has taken place, and in apparent anticipation that both military and civilian agencies can now more easily estimate the requirements and length of the Japanese war, the letter writers are demanding that Congress give greater heed to the special problems they believe to be primarily the lot of small business.

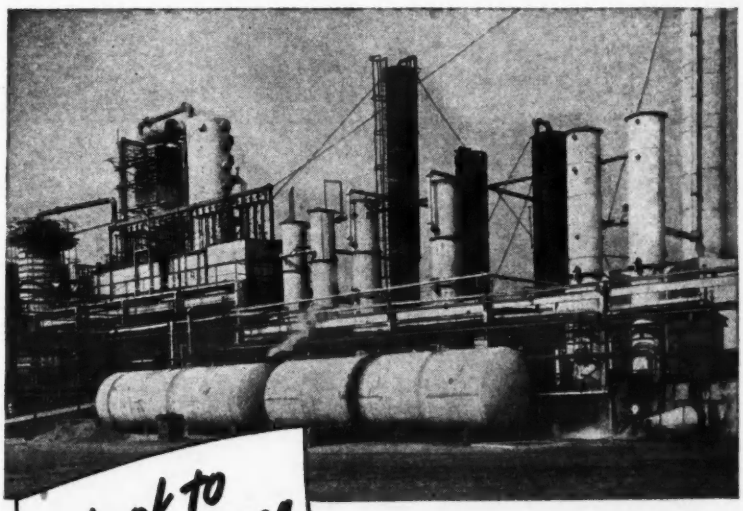
Among the fears they are expressing are (1) that as materials become more plentiful from military cutbacks they will not get their fair share; (2) that they are going to be left out largely in the disposition of government surpluses; (3) that the corrective measures to be taken in the tax laws will come too late to do them much good; (4) that proposed programs for opening up sources of long-term capital for smaller concerns are mostly "lip service"; and (5) that the big competitors of today will be allowed to become even bigger competitors in the postwar period.

Schwellenbach Okayed As Labor Secretary

The senate confirmed, May 31, President Truman's nomination of former Senator Lewis B. Schwellenbach to be Secretary of Labor, succeeding Miss Frances Perkins. The Senate Agriculture Committee approved the nomination of Representative Clinton P. Anderson, Democrat of New Mexico, to succeed Claude R. Wickard as Secretary of Agriculture.

Data Joins Battelle

Dr. John B. Data, formerly with the Lederle Laboratories, Inc., has joined the staff of Battelle Institute, Columbus, Ohio, where he will be engaged in research in organic and pharmaceutical chemistry.



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Toluol
(nitration and industrial grades)

Xylol
(industrial grade)

Crude Heavy Solvent Naphtha

Crude Naphthalene

Crude Pyridine

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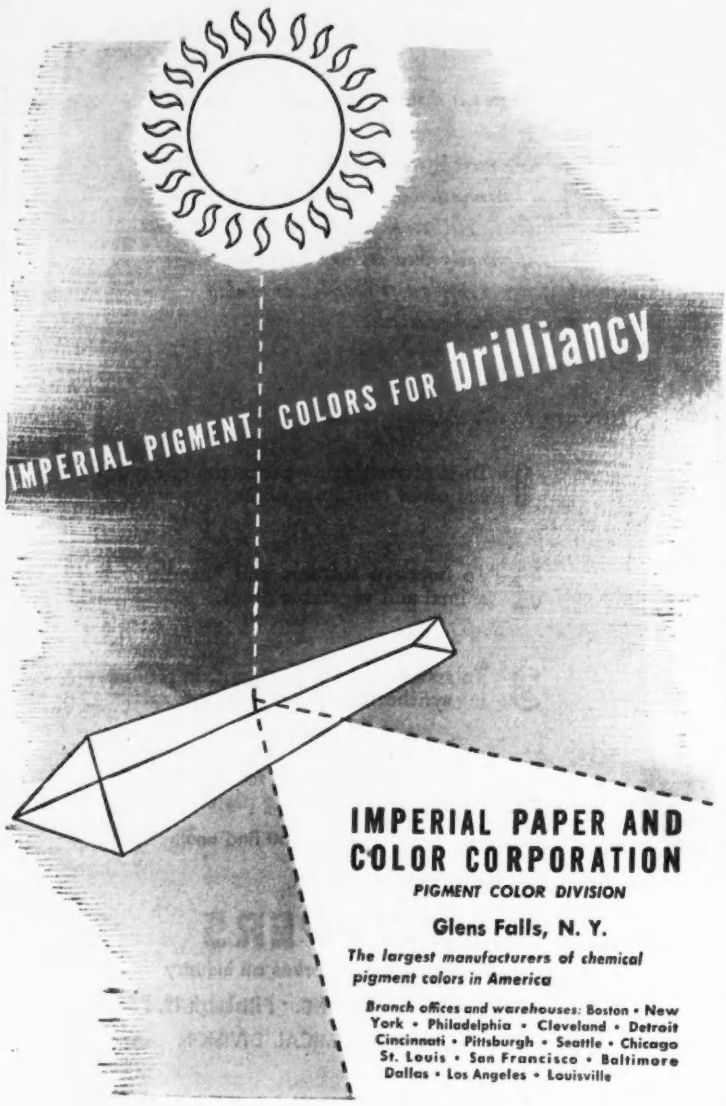
BETHLEHEM STEEL COMPANY • BETHLEHEM, PA.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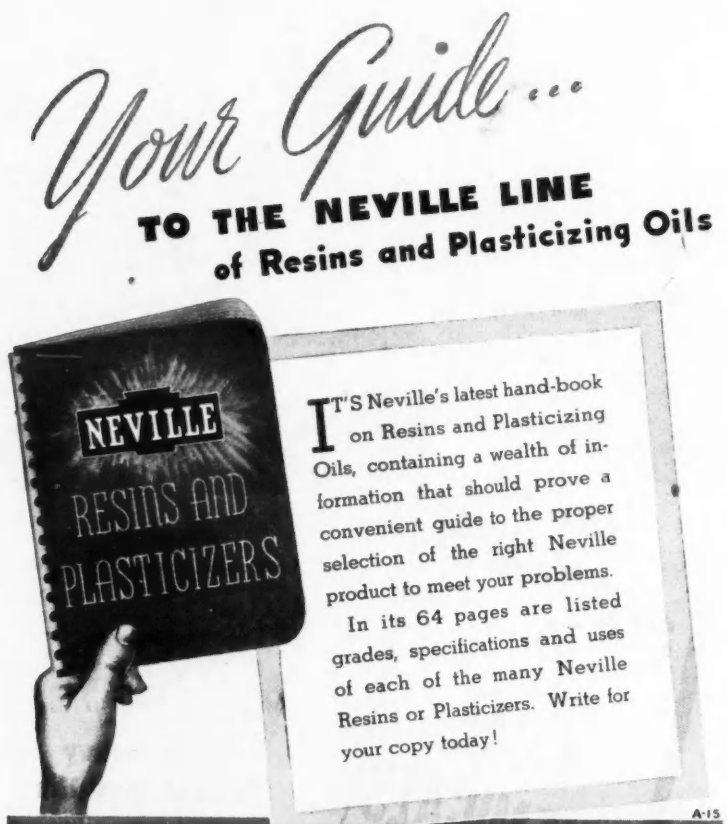
PIGMENT COLOR DIVISION
Glens Falls, N. Y.
The largest manufacturers of chemical pigment colors in America
Branch offices and warehouses: Boston • New York • Philadelphia • Cleveland • Detroit Cincinnati • Pittsburgh • Seattle • Chicago St. Louis • San Francisco • Baltimore Dallas • Los Angeles • Louisville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A-15
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Chemicals for the Nation's War Program
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RUBBER COMPOUNDING MATERIALS • WIRE ENAMEL THINNERS • DIBUTYL PHTHALATE
RECLAIMING, PLASTICIZING, NEUTRAL, CREOSOTE, AND SHINGLE STAIN OILS

Protective Coatings Materials

Everything that might facilitate a buildup of civilian business in protective coatings and their chief ingredients has been lacking during the past week. Government controls on the distribution of virtually all the vital paint, varnish and lacquer materials covering all enduses, save those of a distinctly military character, have been retained in their entirety or tightened still further.

Fortunately for the protective coatings industry, however, these continued restraints upon a greatly desired expansion of non-military business, although holding in abeyance all steps toward reconversion of this industry's facilities to normal trade conditions and apparently eliminating all likelihood of even a start toward realizing any of the vast postwar potentialities for an indefinitely long time to come, have not resulted in any curtailment of the aggregate volume of sales. For, there have been no material cutbacks in war orders which, on the contrary, have been maintained at just as high levels for the single front war, now being carried on with intensified zeal in the Pacific as prevailed when war was being waged on two fronts.

Outstanding among the week's developments have been the increasing shortage of gum rosin, even after the action of the Economic Stabilizer, declining to grant requests for higher price ceilings on that natural oleoresinous product, had seemingly removed all reason for a further withholding of its stocks of old crop and the processing and offering of new-crop materials. Important, also, in the week's grist of news has been a continuance in June of the War Production Board's cut in allocations of sodium bichromate to makers of chrome pigments to 60 percent of their requirements and a corresponding reduction in available supplies of Class A chrome pigments, modified, however, by a restoration of the small-order exemptions for Class B pigments. Likewise embraced in the week's salient developments have been restorations to the April levels of prices named for June on butyl alcohol and butyl acetate.

Metallic Lead and Zinc

With the military requirements in metallic lead continuing to reach unprecedentedly high levels for batteries used in tanks, trucks and navy vessels as well as in the making of many other war materials, allowances of pig lead for pigment making are still being held down to the meager proportions fixed earlier in the year, despite further gains in the domestic output, importations and recoveries from scrap. WPB has announced that its recent amendment to its lead order M-38, which eliminated the prohibition on the sale of certain non-essential products containing lead, has not permitted a resumption of the production of these articles.

Prices of pig lead have continued unchanged for the week May 25-June 1 at 6.34c. per pound in St. Louis and 6.50c. in New York.

The drastic restrictions imposed at the outset of this year on the quantity of zinc available for pigment making continue unabated notwithstanding a slight increase in domestic production, which has so far been more than offset by a larger percentage expansion of consumption in military channels. The paint pigment makers have not benefited in any way from two relaxations of WPB controls on zinc, whereby an additional 20 percent of the amount of that metal employed in the fourth quarter of 1944 may be used for applying a protective coating or plating, other than paint, to products not on list A, the prohibited list on order M-11-b, or on list B, the permissive list, and calling for a revocation of order M-11-1, controlling the distribution of zinc dust.

Quotations for zinc slabs have remained unaltered for the week May 25-June 1 at 8.25c. per pound in East St. Louis and 8.66c. in New York.

Market Trends

Prices Advanced

Alphapinene, ¼c. per gal.
Butyl acetate, 0.35c. per lb.
Butyl alcohol, ¼c. per lb.
Gum turpentine, ¼c. per gal.

Prices Reduced

None

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
140.2	140.2	140.2	140.2

Pigments

White Lead—With military orders continuing to require the bulk of the stocks and current production of this pigment, it is still impossible for suppliers to satisfy more than a small percentage of the needs of civilian use consumers.

Zinc Oxide — Both American and French process types of leadfree zinc oxide continues under strict allocation control, with the bulk of all available supplies going into war production work. Leaded zinc oxides are still in somewhat scanty supply insofar as civilian use consumers are concerned. The Bureau of Mines reports an increase in the production of zinc oxide for March which carried its output for that month to 18,144 short tons, of which 9,411 tons were in leadfree American process and 2,083 tons in leadfree French process types while 5,733 tons represented the leadfree types.

Fillers and Extenders

Asbestos — A seasonally sizable movement continues to be reported in both Canadian and domestic material.

Mica—With the authority conveyed to them in higher price ceilings recently granted by the Office of Price Administration, effective since May 28, producers of dryground scrap mica as well as those making wetground and finelyground scrap mica have now raised their prices to the extent of $5 per ton on all descriptions for dryground and a quarter cent per pound for wetground grades. Quotations for the paint or lacquer-type of wetground mica have thus been marked up to 5 cents per pound in carlots, on a freight allowed East basis, while the dryground paint and plastic type is now quoted at $45 per ton. Arrivals of strategic mica, embracing 1,592 cases of otherwise undescribed material, besides 343 cases of block and 615 cases of splittings, are noted.

Dry and Chemical Colors

Carbon Black—In view of the steadily mounting production of channel blacks and the so-called rubber grades, largely in new government-financed plants and extensions of previously existing operations, WPB has announced the removal of limitations on the use of carbon black in tires, tubes and other rubber products, together with a lifting of the ban on the manufacture of golf balls, effective June 15. This easing of the restrictions imposed February 10 last to conserve carbon black, then in extremely short supply, has been accomplished by a series of amendments to rubber order R-1. Simultaneously, however, WPB has tightened its control over inner tubes for truck tires, in order to insure meeting all military demands for these casings. While pointing out that there was not yet sufficient carbon black to make as many tires as are now needed, the Rubber Bureau said that production of this component is now keeping pace with the present output of tires. Paint makers continue to buy the uncompressed types of channel black but their takings are still held down by their lessening requirements resulting from their inability to obtain sufficient quantities of such other vital materials as drying oils and gum rosin.

Chrome Colors—Because of the continuing shortage of sodium bichromate, WPB has retained for June its May cut in allowances of that material to manufacturers of chrome pigments to 60 percent of their requirements, thus assuring a continu-

For Current prices see alphabetical listing beginning on page 9.

STEARATES

Stocks at
- NEW YORK
- CHICAGO
- ST. LOUIS
- PHILADELPHIA
- DALLAS
- BOSTON
- SHAWNEE, OKLA.
- LOS ANGELES
- SAN FRANCISCO
- OAKLAND
- SEATTLE
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BARIUM STEARATE
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Stable TALLATE Driers

Stable in concentrated form and when diluted with spirits FERRO Tallates provide excellent drying activity with minimum discoloration of paints and varnishes.
Ferro Tallates include 4% COBALT . . . 4% MANGANESE . . . 16% LEAD . . . 3% CALCIUM.

Sole Sales Agents
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NUODEX *Liquid Driers*

Metal content certified not to vary more than plus or minus 0.1%. — Available for priority and non-priority materials.

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Agents and Warehouse Stocks in Principal Centers

BALTIMORE Wm. Graham & Co.	CLEVELAND S. S. Skelton	LOS ANGELES Pitts & Loughlin	PORTLAND, ORE Miller & Zehrung Chem. Co.
BOSTON Mulcahy & Griffin	DETROIT C. W. Hess Co.	MONTREAL Conant Company Ltd.	SAN FRANCISCO E. M. Walls
CHICAGO Philip E. Calo Co.	HOUSTON Joe Coulson Company	NEW ORLEANS E. P Lestrapes	SEATTLE Carl F. Miller & Co.
CINCINNATI Deeks & Sprinkel	KANSAS CITY John T. Kennedy Sales Co.	PHILADELPHIA Loos & Dilworth, Inc.	ST. LOUIS Harry G. Knapp
		PITTSBURGH Jos. A. Burns	TORONTO A. S. Paterson

TRICRESYL PHOSPHATE

Subject to allocation by the War Production Board in accordance with General Allocation Order M-300 Schedule 61

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Selling Agents
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MONTROSE CHEMICAL CO.
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ance of the corresponding reduction in available supplies of Class A chrome pigments such as chrome yellows and orange, molybdated chrome oranges and hydrated chromium oxide. Coincidentally, however, WPB has restored for June the small-order exemptions which had been eliminated in May, thereby relieving manufacturers from necessity for filing form WPB-2945 in order to obtain less than 25 pounds of chrome oxide or 50 pounds of zinc chromate for general use.

Driers and Flatteners

Tallates—It's nip and tuck with the processors of these driers in their endeavors to keep pace with new orders from civilian-use paint makers which keep reaching larger proportions daily as former users of naphthenates turn to tallates in lieu of the former, which are now being denied them.

Stearates—Buying interest of paint and varnish manufacturers continues very extensive in these flatteners, with most of the leading producers forced to refuse new orders except for account of old customers.

Lacquer Materials

Butyl Acetate—In response to the constant stiffening of the market for corn and butanol, manufacturers of this material have advanced their prices for normal fermentation, Illinois and Indiana production, to the extent of 35 cents per pound for June—the same amount as that by which they reduced them for May, making their revised quotations identical with those named for April, or 17¼c. per pound in tankcars, 18¼c. for carlots in drums and 18¾c. for less than carlots in drums.

Butyl Alcohol—An advance of a half-cent per pound has been announced by the leading manufacturers of this material for June, in recognition of the advancing cost of production, making the revised quotations for normal fermentation, Illinois and Indiana production, in tankcars 17.8c. per pound and in drums 18.8c. for carlots and 19.3c. for less than carlots. The June prices, it may be noted, are the same as those named for April, inasmuch as the latter were reduced by a half-cent for May and now have been restored to the April levels by this latest action of the producers in marking their prices up to the same extent.

Naval Stores

Although most of the producers of pine tar, pine tar oil, pine oil, pine wood charcoal, wood turpentine, dipentine and pitch have made individual applications to the Office of Price Administration this past week for specific permission to mark their ceiling prices up to the levels, to which they believe themselves entitled under the terms of OPA's recently issued pricing adjustment provision for the products of destructive distillation of pine wood, none of these upward revisions of prices has yet been authorized by that agency. In some instances, moreover, it now appears unlikely that OPA will approve the requests for higher prices in their entirety.

In its effort to publicize the importance of the gum naval stores industry in the American economy so as to avail itself of all postwar marketing potentialities, the cooperative organization of naval stores factors and owners and processors is planning to launch another campaign of advertising and research, to be inaugurated not later than 1946. For these purposes, this organization desires to raise a fund of $500,000 and to spend this sum in carrying out a program whereby it is hoped to move gum turpentine in larger quantities and in larger containers into retail consumption channels.

Rosin—Once more the increasingly clamorous demand for gum rosin has been left largely unsatisfied this past week, because of the reluctance of producers to convert the new crop gum into this oleoresinous product or to part with their meager old crop stocks at the existing official prices for operations on the Savannah Naval Stores Exchange, which the Office of Economic Stabilization has characterized as adequate in its refusal to approve the higher levels applied for by the War Food Administration, after OPA had declined to grant them.

WPB has amended its order M-397 covering rosin to make its provisions clearer and more readily workable for the industry. By the terms of the revised order, the definition of manufacturer includes persons who have rosin manufactured by toll arrangement, and the definition of protective coatings has been changed to include polishing waxes, while coatings for the manufacture of linoleum or felt base coverings have been excluded from this classification.

Soap has been defined in this amendment because several industrial soaps for other than detergent purposes are to be excluded from the limitations of the order. There additions have been made to the list of intermediate products under paragraph (e) (1)—rosin oil and rosin modified maleic or fumaric and phthalic alkyd resins. "Mixing varnishes," which the order previously required to be figured at 1¼ pounds per gallon, has been removed from the table so that it now becomes necessary to determine the actual rosin content of all mixing and grinding vehicles, as is the case with oil under WFO-42a.

Savannah, June 1.—Following is a record of the market for the week:—

	Price per unit—Low of range quoted				
	Mon.	Tues.	*Wed.	Thurs.	Fri.
B	$5.05	$5.05	...	$5.05	$5.05
D	5.12	5.12	...	5.12	5.12
E	5.65	5.65	...	5.65	5.65
F	5.75	5.75	...	5.75	5.75
G	5.79	5.79	...	5.79	5.79
H	5.81	5.81	...	5.81	5.81
I	5.81	5.81	...	5.81	5.81
K	5.85	5.85	...	5.85	5.85
M	5.87	5.87	...	5.87	5.87
N	6.03	6.03	...	6.03	6.03
WG	6.28	6.28	...	6.28	6.28
WW	6.55	6.55	...	6.55	6.55
X	6.55	6.55	...	6.55	6.55
	Drums				
Sales	...	...	...	...	...
Receipts	47	280	...	100	68
Shipments	...	86	...	...	100
Stocks	3,889	4,109	...	4,387	4,355

* Trading suspended in observance of Memorial Day.

Turpentine—A fairly active movement of gum turpentine has taken place this past week in the primary markets of the South, at a slightly higher price level than that prevailing in the previous week. At the very outset of last week, the open market price in Savannah was advanced from 81 cents to 81¼ cents per gallon, but it later reverted to the 81-cent level.

CCC parity price for June has been continued at 80 cents.

Savannah, June 1.—Following is a record of the market for the week:—

	Bulk gallons		Barrels		
	Cents.	Sales.	Receipts.	Shipments.	On hand.
Monday	81¼	450	...	240	7,546
Tuesday	81¼	...	78	86	7,538
*Wed'day.	...	...	...	...	...
Thursday	81	...	38	421	6,656
Friday	81	...	57	101	6,611

* Trading suspended in observance of Memorial Day.

Synthetic Resins

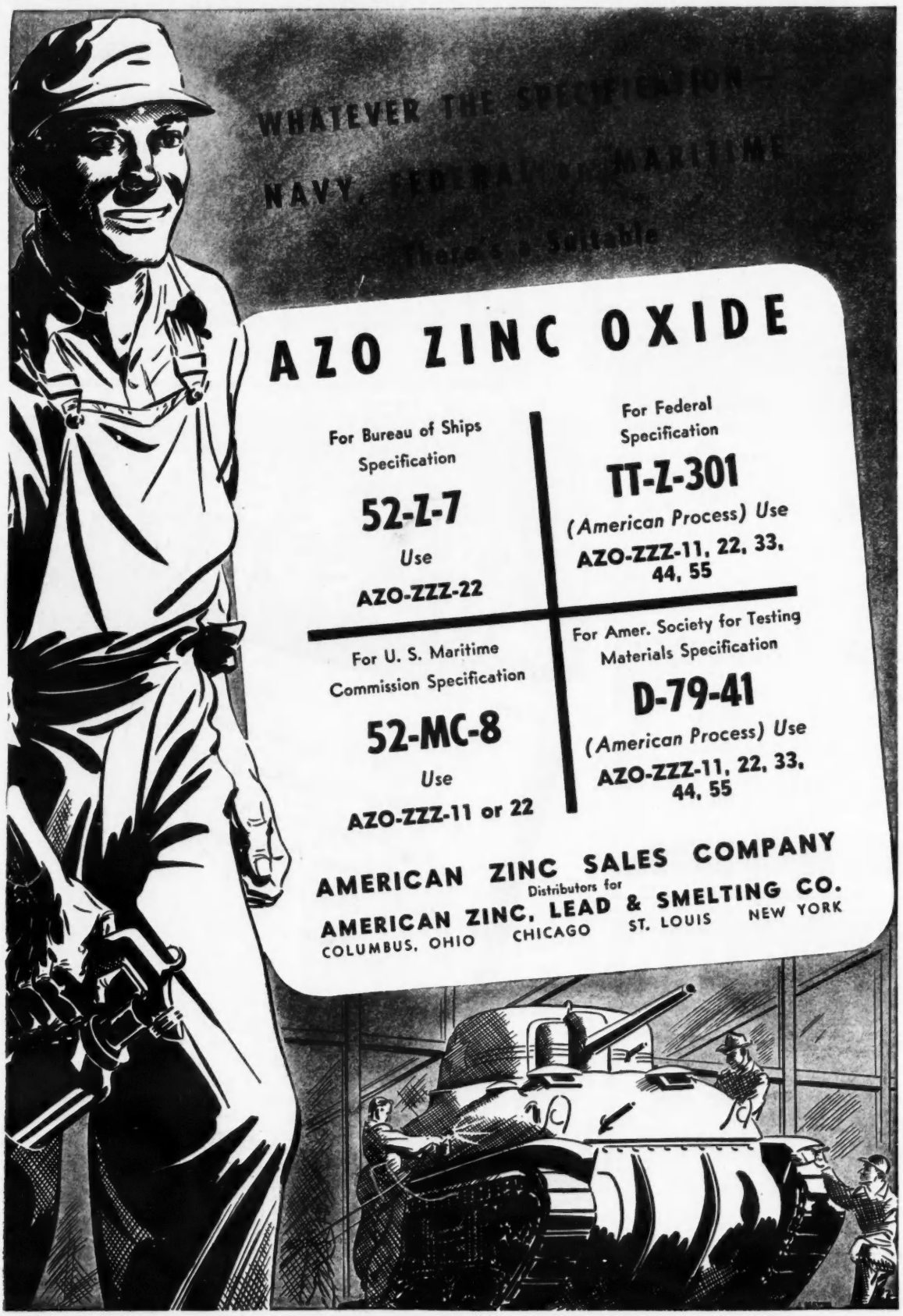
Ester Gum—The so-far-unrelieved shortage of gum and wood rosins is continuing to hold down production of ester gum of both types, despite the plentitude of glycerin still available for this purpose. Hence, the increasing demand for ester gum is still going largely unsatisfied.

Urea Formaldehyde Resins — With military requirements calling for virtually all of these resins now available, permissible civilian uses are all but nil. Increased production is still hampered by manpower shortages.

A list of synthetic resins with their quotations appears in this issue of *OPD*, beginning on page 29.

Varnish Gums

Asphaltum—A steady movement into consuming channels continues to



be noted in gilsonite and petroleum base asphaltums. In order to bring about more complete utilization of railroad tankcars, particularly those used in hauling asphalt and road tar, for use in the new paving season, the director of the Office of Defense Transportation has called upon the governors of the forty-eight States requesting the cooperation of their several highway departments in the handling of such cars.

Copal—In recognition of the validity of contracts long since entered into for the purchase and shipment of Congo copal in and from the primary market in the Belgium Congo, even when made at prices above those established by the Office of Price Administration on April 21, OPA has announced that importers of this gum in the United States who paid prices in excess of the buying ceilings then fixed are now authorized to accept delivery of such shipments, provided that payment was made prior to the above-mentioned effective date. This action has been taken by OPA after learning that several importers had given letters of credit or had otherwise paid for, but failed to receive, shipments of Congo copal before the ceiling prices became effective. But, to permit verification of such legitimate deliveries, the importers in such instances are required to keep records of shipments received under these conditions. Because of a recent lull in movements of this gum to the U. S. A., the American market is only lightly supplied, as most of the arrivals of the past two months have gone out to customers of the importers who had spoken for them long before the gum reached here, as speedily as WPB approved these deliveries.

Shellac—Arrivals of two cargoes of shellac, aggregating 3,930 bags and weighing 322¼ tons, in which there were fairly sizable sprinklings of seedlac and T. N., have been recorded. Both cargoes have shown considerable lemon and other pale and high-priced grades. These cargoes, which were made up of 1,555 bags and 2,375 bags, respectively, with the shellac in the first-mentioned unspecified as to type, revealed in the second set of consignments 350 bags of T. N. and 425 bags of seedlac, both of which have latterly been in rather scanty supply in the U. S. A., with the result that bleaching operations, already handicapped by an insufficiency of labor, have been held down considerably. Most bleachers report the demand far in excess of the current supply and cutters likewise record a necessary restraint on their operations due to the inadequacy of the allotment of denatured alcohol for this purpose.

Glues and Binders

Casein—In the absence of any additional arrivals of Argentine casein, the American market has continued firm, with a modicum of business being transacted in this material.

Glues—The entire market for hide and bone glues continues to record a squeeze for consumers with the supply situation in extracted bone glue and hide glues extremely tight and growing constantly tighter and with that in green bone glues only a little less tight. Lack of adequate raw materials and insufficient manpower continue to hold down production. WPB has cut its allotments to consumers by 30 percent in the second quarter of this year and a still tighter position is looked for as producers contract their rate of production with the advent of intensely hot weather. Arrivals of 4,490 bags of crushed bones and 206 bales of gluestock are noted.

Aluminum Plant To Be Built in Mexico

Establishment by Reynolds Metals Company of New York, the first aluminum company to operate a plant in Mexico, has been announced. Luis Legoretto, managing director of the Banco Nacional de Mexico, and Walter L. Rice, vice-president and general counsel of the Reynolds concern, said that the new company, Reynolds Internacionale de Mexico, had been established in cooperation with the bank and its subsidiary companies.

The new company will be headed by R. S. Reynolds and his son, J. Louis Reynolds. The former, who is president of Reynolds Metals Company, will be chairman of the board of Reynolds Internacionale. The latter, a vice-president of the American concern, will be president of the Mexican company.

General Electric Names Scaife to Ad Post

A. L. Scaife has been appointed advertising and sales promotion manager for the appliance and merchandise department of the General Electric Company, Bridgeport, Conn. He succeeds B. W. Bullock, resigned.

SLCo

Ultramarine Blue
Alkali Blue Toner
Dyestuffs
Methyl Violet Toners
Blanc Fixe
Iron Blues
Para Toners
Toluidine Toners
Lithol Toners
Red Lake C Toners
Permanent Orange Toners
Pyrotone Red Toners
Barium Products

STANDARD ULTRAMARINE CO.
HUNTINGTON, WEST VIRGINIA

Shawnee
DRY COLORS
Color Content Guaranteed

Chrome Greens
Chrome Yellows
Zinc Chromate
Toluidine Reds
Para Reds Iron Blues
Cadmium Colors
Lake Colors
Zinc and Aluminum Stearate

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Incorporated
General Office and Works
LOUISVILLE, KENTUCKY
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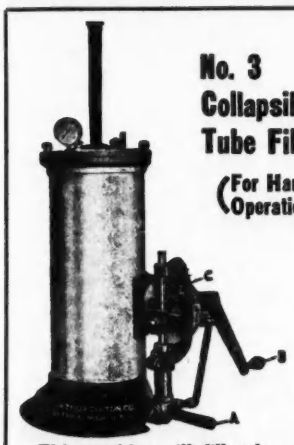

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Eagle-Picher Wins Back-Pay Case

OPD Washington Bureau

In a five to four decision the Supreme Court of the United States overruled a labor union's attempt to knock out part of a lower court decree so that the National Labor Relations Board could increase back-pay award. The opinion affirmed the Eighth Circuit Court of Appeals in a case involving 209 workers and the Eagle-Picher Mining & Smelting Company and the Eagle-Picher Lead Company, operating in Oklahoma, Missouri and Kansas.

Marburg Lecturer: 1946

The Edgar Marburg Lecture Committee had selected as the 1945 lecturer Dr. Joseph J. Mattiello, vice-president of the Hilo Varnish Company, whose subject would have been "Protective Organic Coatings as Engineering Materials." It is proposed to have this lecture presented at the 1946 Annual Meeting.

Rosin M-Order

—*Continued from page 4*

be excluded from the limitations of the order.

WPB pointed out that many producers of Schedule A or B products who produce their own mixing varnishes or grinding vehicles prefer to charge their rosin consumption to their quota at the time they make their mixing varnish, rather than when they make their final Schedule A or B product. Since this procedure does not affect the over-all consumption of rosin, the manufacturer producing his own vehicle may, at his option, make this charge against his quota at the mixing varnish level, according to the amended order.

Formerly, arbitrary factors were established in the order for the computation of the rosin content of mixing varnishes. The order now requires a manufacturer of protective coatings to consider the actual rosin content of his vehicle in setting up and charging his quota for the intermediate product. The schedule of proportionate rosin content of intermediate products has been extended to include rosin-modified maleic or fumaric resins (80 percent, solvent-free basis), rosin-modified phthalic alkyd resins (20 percent), and rosin oil (100 percent).

Inventory restrictions have been altered to place limitations on the basis of the current rate of operation rather than on the 1944 consumption as a base period. Inventory restrictions have also been placed on each type of intermediate product.

Consumers of rosin are now permitted to purchase standard commercial quantities, even though such purchases might raise inventories above the maximum permitted quantity.

Changes have also been made in schedule A and B definitions to extend restrictions on the use of rosin in the manufacture of leather shoes and shoe materials, and to make the use quotas in these schedules more workable, WPB said.

American-Marietta Paint Buys Canadian Company

American-Marietta Paint Company, Chicago, has purchased the Ottawa Paint Works, Ltd., Canada. It will be operated as a fully-owned subsidiary.

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Oils, Fats, and Waxes

There was no easing in the tight supply situation in oils and fats during the week. Available supplies continued scarce with a further tightening in castor oil, which was in urgent demand. Producers were limiting sales to holders of priority orders. The delivery of raw linseed oil from the government stockpile helped to relieve the scarcity to some extent for military enduses, but this did not increase the supply for civilian requirements. Arrivals of oiticica oil from Brazil were fairly liberal for delivery against former contracts, but did not increase light resale stocks.

A heavy movement of edible oils continued against allocations, and offerings were restricted to occasional carlots, which were promptly taken at ceilings.

Trading in foreign waxes was stalemated owing to the inability to obtain offers for shipment of beeswax, carnauba, candelilla and ouricury. Demand was active at ceilings, with reports from producing points stating that sales were being made to European and other countries at prices above import ceilings.

The House Food Investigating Committee has turned its attention to shortages of edible and industrial fats and oils.

Committee investigators have been sent to the War Food Administration and other food agencies for information about these commodities.

With important vegetable oil producing areas of the Pacific likely to remain closed to the United Nations for many months, Europe must lean heavily on the United States.

Cottonseed Oil

With the production of crude cottonseed oil sold up and a steady demand, which continued unsatisfied, the market was dull, but firm at ceilings. An active movement in edible grades continued for delivery against former orders, while new business was confined to small lots owing to limited offerings. WFA reported the shipment of 4,281,562 pounds of oleomargarin and 1,836,610 pounds of shortening for lend-lease during April.

Bleachable oil prices follow:—

	Cents per pound in tanks— High.	Low.	Close.
July	....	....	14.31 bid
September	....	....	14.25 bid
October	....	....	14.10 bid
December	....	....	14.00 bid
March	....	....	13.90 bid
May	....	....	13.80-14.31

Total sales, none.
Cash, 14.31c. nom.
Crude, Southeast, 12¾c.; Valley, 12¾c.; Texas, 12½c. f.o.b. works (all ceiling prices).

Memphis, May 31.—Good inquiry continued for crude cottonseed oil. Most mills sold up for the season. Cottonseed meal in active demand, with offerings scarce. Cotton crop making steady progress. Plantings completed and cotton up to good stands noted in this section.

Linseed Oil

Deliveries of special grades of linseed oil were started during the past week, from raw oil obtained from the government stockpile. Producers were working on accumulated high priority orders and were not expected to catch up with demand for the next two weeks. The call for oil for against former contracts also was of good volume.

Unconfirmed reports were received from the Argentine that some 480,000 bushels of flaxseed owned by the United States government would be shipped to the United States during June.

WFA reported the purchase of edible linseed oil, the first transacted thus far this year, totaling 896,000 pounds at $12,992 during the month of April.

Minneapolis, May 30.—Linseed oil buyers found little or nothing offered in the market and the situation continued as tight as it was before the Commodity Credit Corporation released stored oil to crushers for resale to consumers.

Shipments of linseed oil, in pounds, were as follows:—

	1945-44	1944-43
This week	3,600,000	4,300,000
Since Sept. 1	175,030,000	246,530,000

Flaxseed—Receipts continued to show a moderate increase. Crop prospects still uncertain.

Minneapolis, May 30.—The report of the Bureau of Agricultural Economics that only 5,298,000 bushels of flax remained in the United States was discouraging to the trade in general, but the information that 1,946,000 bushels of flax remained on farms and in the country elevators on April 1 was encouraging to the crushing trade in the Northwest.

Crop movement in bushels follows:—

	Receipts 1945-44		Shipments 1944-43	
This week	89,700	174,000	7,500	25,500
Since Sept. 1	10,985,200	20,573,000	1,802,500	2,568,500

Flaxseed markets at Minneapolis and Duluth during the week were unchanged at $3.10 (ceiling) per bushel for spot and forward deliveries.

Buenos Aires, June 1.—No flaxseed shipments during the week. Visible supply of seed was placed at 3,740,000 bushels. Flaxseed shipments not quoted.

Hull, June 1.—Bombay, £34¾, May; Calcutta, £31¾, May; La Plata not quoted.

Other Vegetable Oils

Babassu—Arrivals totaled 33,020 bags for delivery to crushers.

Castor—This market continued in a tight position. Demand was excellent with producers unable to accept business, except on high priority orders. Some 395 drums of castor oil arrived from Brazil during the week.

Coconut—All of the principal coconut oil mills in Manila, Philippine Islands, were completely destroyed by war action and it is generally believed that mills in Cebu were also destroyed, according to the Department of Commerce. Two small mills in Luzon with an aggregate capacity of about 25 tons of oil a day are understood to be in working condition but belting and oil drums are needed. Lack of transportation and incentive consumer goods are the chief handicaps to the production of copra.

Oiticica—Limited supplies were firm at former levels. Trading was light and mainly for limited quantities. Market strong here and in Brazil. Imports totaled 3,505 drums, for delivery against prior contracts.

Olive—Market dull, though inquiry was active. No offerings for shipment from abroad have been received for some time past, and prospects for early improvement in the scarcity of oil are not bright. The 1943-44 olive production in Turkey was estimated at 190,000 metric tons, and the production of olive oil at about 35,000 metric tons. About 170,000 tons of the production of olives will be used for the extraction of olive oil. Exports of olive oil continue to be prohibited.

Tung—Moderate demand passing, mainly for fair-sized quantities. Market firm at ceilings.

Fats and Greases

Greases—Trading limited to occasional carlots at ceilings. Offerings scarce with demand still exceeding supplies.

Lard—Offerings still scarce. Market firm at ceilings. Consuming inquiry active. WFA reported the shipment of 54,129,596 pounds of lard and 426,232 pounds of rendered pork fat for lend-lease during April. Also made lard shipments of 1,468,480 pounds to the Caribbean stockpile and 5,494,561 pounds to UNRRA during the same month.

Chicago lard stocks totaled 8,236,488 pounds on May 31, as compared with 3,605,055 pounds on May 1, and 79,375,710 pounds on May 31 last year.

Tallow—Supply situation still tight and prospects were reported unfavorable for any improvement in the near future. Trading was light at ceilings.

Fish Oils

Menhaden Oil—Trading in refined oil was quiet, with offerings limited to September forward delivery. Current stocks were held for delivery against former contracts. Inquiry for crude

Market Trends

Prices Advanced

None

Prices Reduced

None

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
193.3	193.3	193.3	194.3

For Current prices see alphabetical listing beginning on page 9.

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oil fairly active with bids reported at ceilings.

Baltimore, May 31.—Reports of menhaden fishing results off the Florida coast were rather indefinite owing to stormy weather which delayed information as to the catch last week. Advices as to the plans of North Carolina operators were still lacking. Preparations were under way to start fishing off the Virginia capes and Chesapeake Bay. Indications are that crews will be easier to obtain this year than heretofore. Producers were reluctant to offer crude oil on if and when made basis and business was quiet, though inquiry was fairly active at the ceiling.

Sardine—Refiners reported still bidding ceilings for future delivery, with producers not offering to any extent. Refined oils in good call against contracts, while new busines swas slow.

Fatty Acids

Red Oil—Steady call continued on high priority orders. Supplies were low and firm at ceilings.

Stearic Acid—Demand exceeds the supply, with stocks scarce. Producers restricted sales to priority orders. Market strong at ceilings. WFA shipped 52,300 pounds of stearic acid for lend-lease during April.

Cake and Meal

Cottonseed Meal—Production sold up. Inquiry active, but offerings continued scarce. Arrivals totaled 75,545 bags and were delivered against former contracts.

Linseed Meal—Active demand noted for delivery on previous contracts. Offerings for resale limited to an occasional carlot.

Minneapolis, May 30.—Meal demand was brisk but crushers had little or nothing to offer for nearby shipment. There was some talk of expansion of offerings in the last two weeks of June, but only small hope was held out to buyers who want large orders of meal.

Shipments of linseed meal, in pounds, were as follows:—

	1945-44	1944-43
This week	6,000,000	9,420,000
Since Sept. 1	107,900,000	240,560,000

Peanut Meal—Imports of 58,335 bags were reported during the week for consignment on prior orders. Domestic stocks were not heavy and firm at ceilings.

Soybean Meal—An active inquiry continued, with offerings light and firm at ceilings.

Waxes

Beeswax—This market continued quiet, despite an excellent consuming inquiry. Offers for shipment from primary centers were scarce, with buyers bidding at ceilings. Arrivals were reported at 590 bags consigned on prior contracts.

Candelilla—Bids at ceilings for shipment from Mexico were disregarded by sellers during the week. Exporters stated that sales to other countries were being made at higher levels than import ceilings. Supplies on the spot were scanty and held at the ceiling.

Carnauba—Owing to the lack of offerings from Brazil, the market continued a dull affair. Advices from Brazil that some wax was being sold for shipment to Europe and other South American countries at levels above the United States ceilings. From present indications no improvement may be expected in this situation it was pointed out unless American importers can meet this competition, which has increased since V-E Day. Arrivals of 6,115 bags were reported during the week, for delivery on previous orders. Contracts for this wax were placed as far back as last Fall.

Ouricury—Same conditions apply in this market as in carnauba. Producers in Brazil have withdrawn offerings to this country claiming that the production was sold well ahead and therefore were not in a position to accept business.

Fats, Oils, Output, Consumption: March

The preliminary statistics of the factory production and consumption of animal and vegetable fats and oils for March, 1945, as compiled by the Bureau of Census, follow:—

	Pounds—Production	Pounds—Consumption
Vegetable Oils		
Babassu, crude	[2]	1,215,000
Refined	[2]	[2]
Castor, No. 1, crude	12,204,000	9,878,000
No. 3, crude	3,160,000	4,399,000
Dehydrated	5,141,000	5,679,000
Sulphonated	.....	597,000
Chinawood or tung oil	1,452,000	1,821,000
Coconut, crude	17,161,000	14,074,000
Refined	5,603,000	5,826,000
Corn, crude	20,895,000	20,453,000
Refined	18,733,000	2,605,000
Cottonseed, crude	118,694,000	135,114,000
Refined	123,930,000	110,273,000
Linseed	37,765,000	42,015,000
Olive, edible	860,000	24,000
Inedible	.....	43,000
Sulphur oil or olive foots	[2]	167,000
Oiticica	.....	1,253,000
Palmkernel, crude	6,558,000	2,685,000
Refined	[2]	[2]
Palm, crude	.....	4,963,000
Refined	.....	14,000
Peanut, crude[1]	9,164,000	10,492,000
Refined	9,583,000	4,029,000
Sesame	.....	96,000
Soybean, crude	120,696,000	115,127,000
Refined	107,657,000	83,341,000
All other	3,981,000	4,366,000
Animal Fats		
Lard, rendered (including neutral lard and rendered pork fats)	98,834,000	13,118,000
Neatsfoot oil	275,000	454,000
Tallow, edible	11,358,000	8,655,000
Inedible	83,574,000	114,164,000
Fish and Marine Mammal Oils[3]		
Codliver	9,000	952,000
Cod	37,000	978,000
Marine mammal	.....	1,629,000
Marine fish	[4]216,000	35,416,000
Other liver	317,000	910,000
Greases		
Greases (including garbage and house), other than wool	45,627,000	57,749,000
Wool grease	1,734,000	2,514,000
Secondary Products		
Animal fat and oil fatty acids	17,106,000	18,166,000
Animal foots, 100% basis	2,361,000	2,635,000
Fish and marine mammal fatty acids	3,469,000	622,000
Grease and lard oil	5,656,000	5,217,000
Oleo oil	5,868,000	1,760,000
Red oil or oleic acid	6,425,000	5,913,000
Stearic acid	4,167,000	4,133,000
Foots, from fish and marine mammal oil (100% basis)	[5]	161,000
Stearin, animal, edible	2,330,000	2,280,000
Inedible	3,621,000	1,896,000
Stearin, vegetable oil, winter	7,323,000	7,155,000
Tallow oil	4,247,000	1,269,000
Vegetable oil fatty acids from foots and other than from foots including fatty acids from tall oil, palm oil, refuse, etc	15,980,000	16,473,000
Other Products		
Glycerin, chemically pure (100% basis)	8,249,000	7,470,000
crude (100% basis)	16,650,000	17,378,000
high gravity and yellow distilled (100% basis)	9,694,000	7,373,000
Hydrogenated oils, edible	92,665,000	86,906,000
Inedible	29,156,000	27,315,000
Shortening	122,521,000	527,000
Winterized vegetable oils	34,490,000	.....

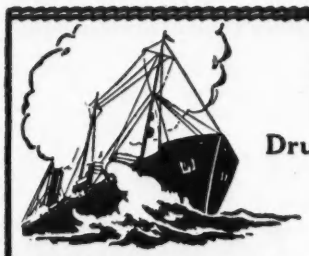
[1] Bureau of Agricultural Economics collected the data on production and stocks from crude peanut oil producers.
[2] Included in "All other" vegetable oils.
[3] Fish and Wildlife Service collected the data from fish oil producers.
[4] Includes 54,000 pounds of herring, sardine, and pilchard, and 15,000 pounds of menhaden for March.
[5] Not shown to avoid disclosure of individual operations.

Gum Importers Outing June 13

American Gum Importers Laboratories will hold a golf outing at the Scarsdale Country Club, Scarsdale, N. Y., June 13. George E. Hawxhurst, of S. Winterbourne & Co., is secretary of the association.

Metz & Co. Named Agent For Nutritional Associates

Metz & Co., manufacturers agent, New York, has been named representative for Nutritional Research Associates, Inc., South Whitley, Ind., which organization manufactures carotene, wheat germ oil and other vitamin oils.



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Cottonseed Crushings Report: April

Cottonseed received at mills, crushed, and held, and cottonseed products manufactured, shipped out and held from August 1 through April 30, 1945, as compared with the preceding period, according to the Census Bureau, were as follows:—

Cottonseed

	Tons	
	1944-45	1943-44
Receipts	[1]4,253,901	3,880,185
Crushed	3,773,887	3,691,255
On hand April 30..	591,620	286,706

Crude Oil

	Pounds	
	1944-45	1943-44
Produced	1,169,147,000	1,152,131,000
Shipped	1,147,923,000	1,134,063,000
On hand April 30..	[2]127,594,000	92,072,000

Refined Oil

	Pounds	
	1944-45	1943-44
Produced	[3]992,505,000	1,017,880,000
Shipped	.....	.....
On hand April 30..	[4]329,848,000	354,435,000

Cake and Meal

	Tons	
	1944-45	1943-44
Produced	1,732,321	1,712,526
Shipped	1,656,026	1,671,863
On hand April 30..	104,345	59,205

Hulls

	Tons	
	1944-45	1943-44
Produced	873,766	863,301
Shipped	821,6[5]4	849,554
On hand April 30..	66,935	25,711

Linters

	Bales	
	1944-45	1943-44
Produced	[6]1,104,828	1,102,558
Shipped	1,086,893	1,021,822
On hand April 30..	[7]79,855	216,663

[1] Includes 6,650 tons and 1,560 tons destroyed during 1944-45 and 1943-44, respectively, but does not include 118,256 and 90,336 tons on hand August 1, 1944 and 1943, nor 67,548 and 44,639 tons reshipped during the seasons 1944-45 and 1943-44.
[2] Includes 29,860,000 pounds at oil mills, 88,020,000 pounds at refining and manufacturing establishments, and 9,714,000 pounds in transit.
[3] Produced from 1,071,718,000 pounds of crude oil.
[4] Includes 322,561,000 pounds at refining and manufacturing establishments, and 7,287,000 pounds held elsewhere and in transit.
[5] Includes 210,950 bales first cut, 831,098 bales second cut, and 62,780 bales mill run.
[6] Includes 25,234 bales first cut, 49,371 bales second cut, and 5,250 bales mill run.

Noel Leggatt in U.S.

Noel F. Leggatt, general manager of the Australian branch of Frederick Stearns & Co. division, Sterling Drug, Inc., New York, is making his first visit to this country. The company is arranging meetings in his honor in Detroit and New York.

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Obituaries

D.A. Aronson

D. A. Aronson, manager of the Pacific Northwest area of the Sherwin-Williams Company, paint manufacturer, Cleveland, died in his home in Portland, Ore., May 22. He was fifty-eight years of age.

Mr. Aronson joined the company in 1901 as junior clerk in San Francisco. He became chief clerk in the sales department in 1905, sales manager in 1907, sales manager of the Northern Pacific Division in 1913, and district manager at Portland in 1922.

Surviving are his wife, a son and a daughter.

Verne F. Curtis

Verne F. Curtis, assistant chief engineer of International Minerals & Chemical Corporation, died of a heart attack April 25, at his home in Evanston, Ill. He was forty-six years of age. Mr. Curtis had been associated with International Minerals and Chemical Corporation since 1941.

Surviving are his wife, son, and a daughter.

Francis M. Theall, Jr.

Francis M. Theall, jr., vice-president of Theall & Pile, Inc., manufacturer of flavoring extracts and essential oils, New York, died May 30 in a hospital in Elizabeth, N. J. He was fifty-three years of age.

Surviving are his wife and daughter.

Thomas A. Wright

Thomas Archibald Wright, president of Lucius Pitkin, Inc., consulting chemist, New York, died May 25. He was fifty-eight years of age.

Surviving are his wife, a daughter and two sons.

James R. McLaughlin, a salesman for the Lion Match Company, New York, died last week. He was sixty-eight years of age.

Myron Sempliner, sr., founder and partner of Eradico Products Company, Detroit, died recently. He was sixty years of age.

Lillian Emerson White, wife of Walter W. White, president and general manager of the Citrc Chemical Company, died May 28 in her home in Englewood, N. J. She was a daughter of the founder of the Emerson Drug Company.

Major General John Burton White, vice-president of the Canadian International Paper Company, who has been serving as commander of the Canadian Forestry Corps since 1940, died last week. He was seventy-one years of age.

Rolland Young, former West Coast credit manager of the Texas Company, died in Los Angeles recently. He was fifty-nine years of age.

Exports to Philippines Subject to Licensing

OPD Washington Bureau

The Foreign Economic Administration has announced the resumption of licensing of commercial exports to the Philippine Islands. This action has been made possible because of the present availability of shipping. However, if war contingencies again cut down available shipping for the Philippines, it may be necessary to modify the current action.

FEA has placed the Philippine Islands in Country Group K, thereby making possible shipments under the broadest general license provisions This means in effect that any commodity not in short supply in the United States may be exported to the Philippines without the necessity of obtaining an individual license from FEA. For short supply commodities that cannot be exported under general license, exporters may submit to FEA an application for an individual license upon receipt of a firm order from an importer in the Philippine Islands.

Goldstein to Retire From Stein, Hall & Co.

John Goldstein, treasurer and a director of Stein, Hall & Co., dextrines and starch, New York, will retire from active business July 1, after thirty-seven years of association with the company. He will continue in a consulting capacity.

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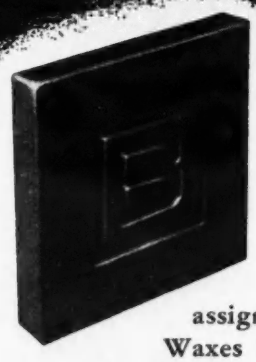
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ANALYZED REAGENTS Baker's FINE CHEMICALS

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FINE CHEMICALS

Drugs and Fine Chemicals

Price developments last week in the market for drugs and fine chemicals centered mainly in a reduction in spot prices on menthol to a point out of line with the official price floor in Brazil, and a lowering of quotations on quicksilver, moderately on spot and substantial as concerned Pacific coast quotations on domestic metal and the shipment price on Spanish metal for future delivery.

Demand for drugs and fine chemicals was fairly broad so far as civilian requirements were concerned but there was little done as regards adding to the medical supplies of the armed forces. The stockpile for such uses was reported excellent in all respects.

The position of quicksilver was quite unsettled, following the drop of prices in Spain. That development caused a sharp decline on the Pacific coast, notwithstanding the fact that stocks of metal in the hands of producers were moderate. Mercurials failed to decline, but all prices were subject to change since the current schedule was set when quicksilver was far higher than it is today. It is clear that European metal is once more the influential factor in price movements here.

Menthol prices lower than Brazilian floor justifies were said to be result of "special arrangements." The fact was that the floor suggests a New York duty-paid price of $9.75 per pound and the market was moderately under that for spot goods, and substantially so far as future delivery goods from Brazil were concerned.

The War Production Board May allocations of acetone, acetic acid, ethyl alcohol, bismuth chemicals, formaldehyde and methanol, for drug, pharmaceutical, basic medicinal chemicals use, and ethyl acetate for denaturant use were larger than those used in April. Contrariwise, the May allocations of ethyl alcohol and ethyl acetate for drugs, and ethyl ether for basic medicinal chemicals and pharmaceutical use were less than in April. The allocation of vitamin A units of fishliver oils dropped sharply from the April figures.

Market Trends

Prices Advanced

Butyl acetate, 35/100c. per lb.
Butyl alcohol, ½c. per lb.

Prices Reduced

Menthol, 25c. per lb.
Quicksilver, spot, $3 per flask.
Pacific coast, $7 per flask.

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
220.5	221.4	221.4	240.6

Acetone—WPB now states that the relatively free allocation pattern followed last February was possible because of an unexpected surplus caused by packaging difficulties in connection with large export allotments. The May allocation for drug purposes totaled 1,145,000 pounds; it was 770,000 pounds in April.

Acid, Acetic—Allocations by WPB for May totaled 783,850 pounds for drugs and pharmaceuticals; in April it was 692,429 pounds. The supply for civilian use was short because of military needs. Production wood acid also decreased.

Acid, Ascorbic—Movement was excellent and supply seemed entirely ample to cover any reasonable expansion in domestic of lend-lease requirements.

Acid, Citric—The War Production Board in May allocated 65,000 pounds of formaldehyde for the production of citric acid. Outlook for future supplies of this acid continued poor and it is doubtful if the shortage will be relieved by imports from Italy if goods be available there. Such import would run into difficulties among which would be establishment of a ceiling for imported goods and a protective duty of 17c. per pound.

Acid, Tartaric—Producers of this acid are looking forward to the eventual restoration of normal trade practices in raw materials as concerns importations. Granted the availability of shipping, some improvement in supplies should eventually develop.

Alcohol—Supplies of this article for industrial purposes should show some improvement with the ending of lend-lease shipments to Russia. The WPB May allocations of ethyl showed 313,000 pounds for drugs and pharmaceuticals; April was 328,000 gallons. For basic medicinal chemicals, 269,000 gallons was the May allocation, comparing with 240,000 gallons in April.

Alkanolamines—May allocations by WPB included 50 percent of the requests for monoethanolamine for pharmaceutical use. Requests for diethanolamine for pharmaceutical use were granted 100 percent.

Allyl Alcohol—WPB revokes allocation control.

Allyl Chloride—Allocation control revoked by WPB.

Alkylamines—All civilian requests for monomethylamine and diethylamine were denied by WPB in its May allocations.

Bismuth—Indications are that there is a fairly tight situation prevailing in all forms of this material. The May allocation by WPB for medicinal use was 53,515 pounds against 41,841 pounds in April.

Butyl Acetate—The June price schedule was set at 17.25c. per pound in tanks; drums, carlots, 18¼c.; less than carlots, 18¾c. This was a rise of 35/100c. per pound and reestablished the prices that had prevailed last April.

Butyl Alcohol—Prices for June are ½c. above those for May and reestablish the schedule prevailing last April. Tanks, 17.80c. per pound; drums, carlots, 18.80c.; less than carlots, 19.30c.

Caffeine—All requests for medical purposes were granted in full by WPB. The supply for beverage manufacturers continues to be conservative.

Castor Oil—Arrivals of beans from Brazil were large. Last week, a total of 12,911,250 pounds reached this port and brought the total of arrivals since January 1 last to 100,037,450 pounds. This total compares with 129,461,050 pounds for the corresponding period last year. The oil market remained strong and present prices reflect a cost of castor beans far under the present asking price of $82 to $83 per long ton, Brazilian ports. Demand for oil runs high.

Chicago, May 29.—Castor oil prices are: —Cold pressed, U.S.P., returnable drums, carlots, 13¾c. per pound; drums, less than carlots, 14½c.; tanks, 13c.; No. 3, extracted, returnable drums, carlots, 13½c. per pound; drums, less than carlots. 14¼c.; tanks, 14¾c.

Detergent Chemicals—Synthetic organic detergent chemicals were allocated by WPB for May at 44 percent of the requests arising from pharmaceutical uses. Allocation for germacides was but 3 percent of requests.

Ethyl Acetate—Drug and pharmaceutical users were allocated 200,531 pounds for May use under WPB allocation of production, which compares with 205,000 pounds allocated in April. Allocation for denaturant purposes was 393,953 pounds; in April, the allocation was 335,203 pounds.

Ethyl Ether—WPB May allocations included:—for basic medicinal chemicals, 355,000 pounds, against 601,360 pounds in April; pharmaceuticals, 74,548 pounds, compared with 199,059 pounds in April.

Fishliver Oils—There is a rather tight situation in vitamin A oils, as evidenced by the WPB May allocation of 3,830,.6 billion USP units, or 70.7 percent of requests, of medicinals, which compares with the April allocation of 4,681 billion units; food fortification, 843.8 billion units, or 85½% percent of requests, which compares with 1,113,.1 units in April; and for feeing oils, 2,555 billion units, or 71.2 percent of requests, comparing with 3,333.1 billion units in April.

San Francisco, May 30.—The fishliver oils were quiet. Very little trading was reported because of the lack of supply and offerings.

Formaldehyde—Citric acid makers were allocated 65,000 pounds in May. Penicillin producers, got 107,000 pounds. Pharmaceuticals and drugs, 49,000 pounds, comparing with 26,390 pounds in April.

Furfural—WPB has removed this item from allocation.

For Current prices see alphabetical listing beginning on page 9.

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Glycerin—This market was in what might be called a partial transitional stage in which the leading producers are meeting the full requirements of the government war program in which the producers also plan for postwar business which they hope will be substantial. There are fair stocks to meet the essential home requirements and they are sufficient to cover consumption.

Chicago, May 29.—Glycerin prices are: —Chemically pure, drums, carlots, 15¼c. per pound; less than carlots, 15¾c.; tanks, 15c.; high gravity, drums, carlots, 14½c.; less carlots, 15c.; tanks, 14¼c.

Hydroquinone—But 67 percent of requests, or 164,100 pounds, for the photographic grade were granted by WPB in its May allocations. The WPB April allocation, in its thirty-first monthly report, made no mention of quantities allocated then.

Menthol—The market appeared unsettled and subject to considerable competition among sellers. Spot goods brought the lower quotation of $9.50 to $9.75 per pound and futures were priced around $8.75 per pound, duty paid, New York. These prices were definitely out of line with the Brazilian floor price.

Methanol—WPB states that except for limited quantities of what it calls "off-grade" methanol already authorized for production of antifreeze, it is expected that none will be available for antifreeze production for the coming Winter season. WPB explained that the same facilities used for methanol production are also used for the manufacture of nitrates, which are urgently required for fertilizer production. In its May allocations of synthetic, WPB granted 112,448 gallons, or 100 percent of requests, for drugs, which compares with 88,852 gallons in April. The allocation for denaturants were in full at 176,500 gallons of wood distilled, 95 percent to 97 percent grade.

Methylethyl Ketone — WPB reports a critically short supply of this article and its May allocations were 35 percent of requests for vinylite cement for rubber soles; aromatic chemicals for food flavoring only, 50 percent. All other civilian requests were denied. In April, the allocation for making rubber cement was 25 percent of requests, and aromatic chemicals got 16,274 pounds representing 50 percent of requests.

Quicksilver — Domestic metal was priced at $152 to $155 per flask but there were only limited quantities available on spot. Spanish metal for June shipment was reported around $147.50 per flask, duty paid, which compared with around $152 about a month ago.

San Francisco, May 30.—Quicksilver prices dropped here this week, apparently because of the import of Spanish metal. Supplies here were extremely low. Producers were quoting metal between $145 and $150 per flask f.o.b. this city.

Soda Perborate — All civilian uses except laboratory reagents and pharmaceuticals were denied allocations in May by WPB. Those uses received allocations on the basis of one-third of the average use in 1943.

Critical Materials Fund Continued by House

OPD Washington Bureau

Legislation to continue for another year the $1,500,000,000 subsidy program of the Reconstruction Finance Corporation to encourage the production and distribution of strategic and critical materials, was passed by the house May 28 by a vote of 246 to 22. The bill (S. 502) now goes back to the senate for concurrence in changes made by the house.

Under its terms it makes available $80,000,000 for materials and commodities, other than rubber and rubber products, produced outside the United States; $60,000,000 for rubber and rubber products produced outside the United States; and the following for materials and commodities produced within the United States:—$595,000,000 for meat; $100,000,000 for butter; $190,000,000 for flour; $290,000,000 for petroleum and petroleum products; $88,000,000 for copper, lead and zinc; and $100,000,000 for other materials or commodities not specified.

Berliner Leaves du Pont To Join Engineering Firm

Dr. J. F. T. Berliner who resigned from the ammonia department of E. I. du Pont de Nemours & Co., Wilmington, Del., May 31, after an association of sixteen years, has joined Engineering Associates, St. Charles, Ill. Associated with Dr. Berliner are: S. H. A. Young, R. A. M. Palese, J. J. Jaeger and others with wide experience in plastics, wood and industrial design.

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Charles T. Lipscomb, jr., since 1942 vice-president of McKesson & Robbins, Inc., in charge of the industrial chemicals division, has been appointed to the newly created position of assistant general sales manager of the corporation.

McK.&R. Names New

—Continued from page 3

been made a vice-president of the corporation.

Walter R. Heyer, has been named sales manager of the industrial chemicals division and an assistant vice-president of McKesson & Robbins, Inc.

Mr. Hildebrandt is well known in the industrial chemicals field. Recenetly he has been operating his own business in the partnership of Hildebrandt & Co., Chicago. He is a native of New York, and in the past has been a representative of the J. T. Baker Chemical Company and, later, the Prior Chemical Corporation.

Walter R. Heyer

Mr. Heyer is a veteran in the wholesale drug business, starting in Milwaukee, forty-two years ago. He came to the New York office of McKesson & Robbins in 1943, to take charge of local operations of the industrial chemicals division.

Mr. Lipscomb has been with McKesson & Robbins since 1942. Previously he was with the Vick Chemical Company, and the Coca-Cola Company. In his newly created position he will, says William J. Murray, McK. & R. president, assist I. H. Bander, vice-president in charge of drug and sundry sales, in the direction of the sales divisions of the company's sixty-seven wholesale drug houses throughout the country.

T.P. Handy Retires

Truman P. Handy, vice-president of the Celanese Plastics Corporation, New York, retired May 31. He plans to move to a farm in Lyme, Conn.

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Phone. REctor 2-6109

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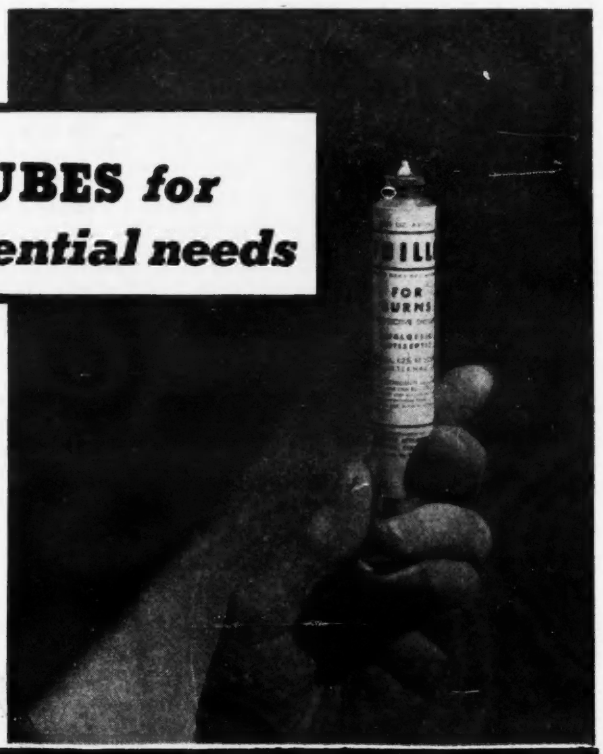


Standard

SPECIALTY & TUBE CO.

New Brighton, Pa.

Current Prices

—Continued from page 29

Whiting, limestone, wet-grd., air-floated, 300 mesh, 99¾%, bgs., c.l..ton. 9.35 -10.10
200 mesh, 99¾%, bgs., c.l., ton. 8.60 - 9.50
99% bgs., c.l.....ton. 6.25 - 7.00
water-floated, extra gilders, bgs., c.l..ton.13.00 - —
gilders, bgs., c.l.....ton.12.45 - —
putty grade, bgs., c.l..ton.12.00 - —
Paris white, bgs., c.l.....ton.24.00 -28.00
l.c.l. .....ton.25.00 -29.00
precipitated, bgs., c.l.....ton.14.00 -15.00
l.c.l. .....ton.18.00 -20.00
Wild cherry bark, thick, bls..lb. .06 - .07
thin, natural, bgs.....lb. .16 - .17
rossed, green, bls.....lb. .25 - .26
Wild indigo root, bls.....lb. .17 - .18
Witch-hazel leaves, bls.....lb. .14 - .16
Witherite (see Barium carbonate, natural).
Woodflour, 40 mesh bulk, c.l., N. Tonawanda, N. Y..ton.20.00 - —
60 mesh, same basis.....ton.24.00 - —
80 mesh, same basis.....ton.27.00 - —
100 mesh, same basis.....ton.30.00 -32.00
Woodflour, in bags, 25c. each extra, returnable.
Wormseed, American, bgs.....lb. .20 - .23
Levant, bgs.....lb 4.50 - 4.75
Wormwood, bls.....lb. .50 - 60

X

Xanthorrhiza, bls.....lb. .24 - .25
Xylene (see Xylol).
Xylidin, mixed, dms.....lb. .85 - .87
Xylol,[6] (xylene), indus., ret. dms., works..gal. .32 - —
tanks, E. of Omaha, frt. alld. to 2c. per gal..gal. .27 - —
West Minnequa, Colo....gal. .27 - —
10°, ret. dms., works.....gal. .35 - —
tanks, E. of Omaha, frt. alld. to 2c. per gal..gal. .30 - —
8°, ret. dms., works.....gal. .42 - —
tanks, E. of Omaha, frt. alld. to 2c. per gal..gal. .37 - —
5°, ret. dms., works.....gal. .47 - —
tanks, E. of Omaha, frt. alld. to 2c. per gal..gal. .42 - —
Xylol petroleum solvent, ret. dms., No. N. J..gal. .26 - —

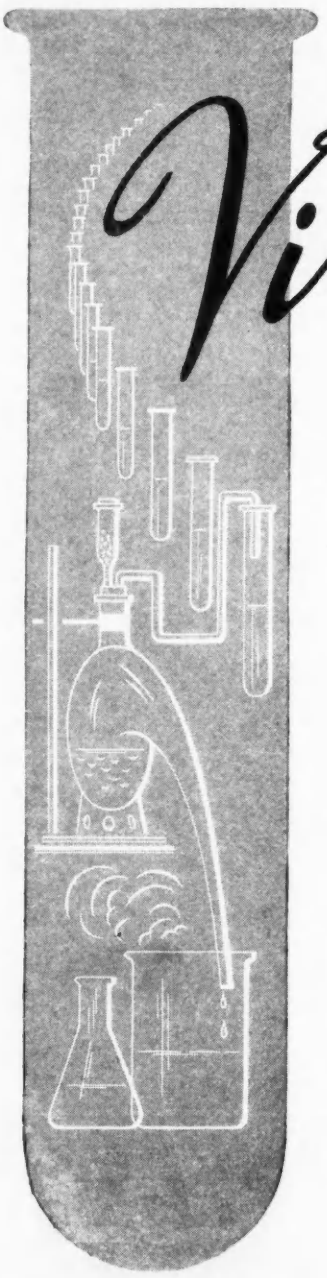
Y

Yara yara, cryst., bots., cns..lb. 1.90 - 2.00
Yeast, brewer's, dry, 50 B units, dms..lb. .35 - —
90 B units, dms.....lb. .45 - —
200 B units, dms.....lb. .50 - —
300 B units, dms.....lb. .60 - —
Yellow, barium chromate, CP, bgs., l.c.l., dlvd. N. of Tenn. and N. C., E. of Miss. R., including Davenport, Minneapolis, Rock Island, St. Louis, St. Paul..lb. .22 - —
Barium chromate price differentials on deliveries in the various other State and city zones are the same as those for chrome yellow, which are set forth below.
Benzidin, bbls., dlvd.....lb. 1.35 - 2.25
Cadmium, CP, bxs.....lb. 1.35 - 1.40
Lithopone, bbls., ton lots, E. of Rockies..lb. .53 - —
smaller lots, same basis, lb. .65 - —
Sulphide, orange, cs., kgs., works..lb. 1.10 Nom.
Yellow, chrome, CP, bbls., dlvd. N. of Tenn. and N.C., E. of Miss. R., includ. Davenport, Minneapolis, Rock Island, St. Louis, St. Paul, contracts..lb. .16 - —
Chrome yellow prices are ½c. higher, dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Tex. (Dallas), 1¼c.; Ft. Worth, 1½c.; El Paso, 2c.). Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph, 1.6c. higher dlvd. Pac. Coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
Dutch pink, bbls.....lb. .09 - .11
Hansa, bbls., same basis as chrome..lb. 1.37 - —
primrose, bbls., same basis.lb. 1.75 - —
Mercury oxide, bbls., 1,000 lbs., lb. 2.56 - —
smaller lots.....lb. 2.58 - —
Ocher, American, golden, bbls., works..lb. .04½- .06¾
yellow, bbls., works.....lb. .02 - .02¼
French type, bbls., c.l.....lb. .0845- —
l.c.l. .....lb. .0865- —
Oxide, iron, nat., bbls., c.l., Bethlehem, Easton, Pa..lb. .04½- —
l.c.l., same basis.....lb. .05 - —
synth, bbls., c.l., works..lb. .0635- —
l.c.l., works.....lb. .071 - —
Persian orange (see O).
Zinc,[6] bbls., same basis as chrome..lb. .16 - —
Navy spec. type, contract, lb. .16 - —
Yellow xanthorrhiza (see Xanthorrhiza).
Yerba santa leaves, bls.....lb. .21 - .25
Yohimbine hydrochloride, vls..oz. 3.00 - 5.75
Yellow dock root, bls.....lb. .35 - .36

Z

Zein, bgs., 1,000 lbs., works...lb. .25 - —
smaller lots, works.....lb. .30 - —
Zinc acetate, tech., bbls., dlvd.lb. .16 - .17
USP, bbls., 250 lbs.....lb. .26 - .27
kgs., 100 lbs.....lb. .29 - —
Arsenite,[1] bgs., c.l., frt. alld. E. of Rockies..lb. .11¾- .13¼
l.c.l., same basis.....lb. .12¼- .13¾
Borate, bgs., c.l.....lb. .12 - —
Carbonate, tech., rubber makers' grade, bbls., works..lb. .09¾- .10¾
USP, precip., powd., bbls..lb. .35 - —
dms. .....lb. .40 - —
kgs. .....lb. .37 - —
Chloride, tech., fused, dms., c.l., works..100 lbs. 5.00 - —
l.c.l., works.....100 lbs. 5.35 - —
gran., dms., c.l., works..... 100 lbs. 5.75 - —
l.c.l., works.....100 lbs. 6.50 - —
solution, 50%, dms., c.l., works..lb. .0315- —
l.c.l., works.....lb. .04½- .04½
tanks, works.....lb. .0250- —
USP, dms.....lb. .30 - .31
jars .....lb. .35 - .36
Chromate (see Yellow, Zinc).
Cyanide, kgs., works.....lb. .33 - 37
Dust,[6] bbls., c.l., dlvd.....lb. .1035- —
l.c.l., works.....lb. .1135- —
Fluoride, bbls.....lb. .25 - .30
Hydrosulphite, dms., works..lb. .16 - —
Iodide, NF, bots.....lb. 4.68 - 4.75
jars .....lb. 4.40 - —
Laurate, bbls.....lb. .32 - .33
Metal,[1,3,5] (quotations in Protective Coatings market).
Naphthenate, 8%-10% Zn, dms., lb. .16 - .19¼
Oxide, pigment, dom., acicular,[6] bgs., c.l., dlvd..lb. .07½- —
l.c.l., dlvd.....lb. .07½- —
American process, com'l, lead free,[6] bgs., c.l., dlvd..lb. .07½- —
l.c.l., dlvd.....lb. .07½- —
leaded,[6] 50%, bgs., c.l., dlvd..lb. .07½- —
l.c.l., dlvd.....lb. .07¾- —
35% or more, bgs., c.l., dlvd..lb. .07 - —
l.c.l., dlvd.....lb. .07¼- —
French process, com'l, lead free,[6] bgs., c.l., dlvd..lb. .07¼- —
l.c.l., dlvd.....lb. .07½- —
green seal, bgs., c.l., dlvd., lb. .09 - —
l.c.l., dlvd.....lb. .09¼- —
red seal, bgs., c.l., dlvd.lb. .08¼- —
l.c.l., dlvd.....lb. .08¾- —
white seal, bgs., c.l., dlvd., lb. .09½- —
l.c.l., dlvd.....lb. .09¾- —
Zinc oxide Pac. Coast prices ½c. higher; bbl. prices ½c. higher than bgs.
USP,[6] 50-lb. ctns., c.l.....lb. .10½- —
l.c.l. .....lb. .10¾- —
Resinate,[6] 8.7% Zn, dms.....lb. .14½- —
fused, pale, bbls.....lb. .11 - .12
precipitated, dms., dlvd....lb. .15 - —
Silicofluoride, bbls.....lb. .15 - .16
Stearate, tech., ctns., c.l., frt. equald..lb. .29 - —
smaller lots, same basis.lb. .30 - .31
USP (same prices as tech.).
Sulphate, cryst., bgs., c.l., wks., frt. alld. 100 lbs. 3.40 - —
l.c.l., same basis.....100 lbs. 4.15 - —
flake, bgs., c.l., same basis, 100 lbs. 3.80 - —
l.c.l., same basis.....100 lbs. 4.55 - —
powd., bgs., c.l., same basis, 100 lbs. 5.35 - —
l.c.l., same basis...100 lbs. 6.10 - —
Zinc sulphate, in bbls., 25c. higher.
Sulphide,[1,5] pure, bgs., c.l. dlvd..lb. .08¼- —
l.c.l., dlvd.....lb. .08½- —
bbls., c.l., dlvd.....lb. .08½- —
l.c.l., dlvd.....lb. .08¾- —
Barium pigment, bgs., c.l., dlvd..lb. .0560- —
l.c.l., dlvd. .....lb. .0585- —
Calcium pigment, bgs., c.l., dlvd..lb. .0560- —
l.c.l., dlvd. .....lb. .0585- —
Fluorescent pigment, works, frt. alld..lb. .90 - 1.00
Magnesium pigment, bgs., c.l., dlvd..lb. .05¾- —
l.c.l., dlvd. .....lb. .06 - —
Zinc sulphide and pigments, Pac. coast prices ¼c. higher; bbl. prices ¼c. higher than bgs.
Sulphocarbolate, NF, bbls., dms. lb. .28 - .31
Tallate, 5% Zn, dms.....lb. .09¾- —
Yellow (see Yellow, Zinc).
Zinc-ammonia chloride, dms., c.l., works..100 lbs. 5.65 - —
l.c.l., works .....100 lbs. 6.70 - —
Zinc-cadmium sulphide, fluorescent, cns., works, frt. alld..lb. 2.00 - 2.80
Zinc-iron oxide pigment, bgs., c.l., dlvd..lb. .06 - —
l.c.l., dlvd. E. of Rockies, lb. .06¼- —
Pac. cst. .....lb. .06¼- —
ex whse., Pac. cst.....lb. .07 - —
Zirconium hydride, cns., works, lb. 7.00 - 8.00
Nitrate, kgs., works.....lb. 3.00 - 4.00
Oxide, crude, 70-75%, grd., bbls., works..ton.75.00 -100.00
ex whse., Pac. cst....lb. .07 - —
white, 98%, grd., kgs., works, lb. 1.80 - 2.00

PACKAGING CORROSIVE FORMULAS?



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VINICOTE offers entirely new merchandising and sales opportunities for a score of products which formerly could not be successfully packaged in convenient collapsible tubes. Naturally all products do not require VINICOTE protection. Our chemists will be glad to analyze your product to determine whether it will benefit by the use of VINICOTE on the Sheffalloy *Sheffield Process* Tubes you use. Ask for full information today.

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Purocaine Co. Sold

Purocaine, Inc., a wholly-owned subsidiary of National Foam System, Inc., Philadelphia, has purchased the entire assets of Purocaine Chemical Company, Long Island City, N. Y.

The laboratories and manufacturing plant in Long Island City will continue operations at that location. The sales division and the purchasing office of Purocaine, Inc., are located at 90 West street, New York. Sales division is in charge of George H. Gowan.

Chase Bag Co. to Build Plant in Arkansas

Contracts have been signed by officials of the Chase Bag Company, New York, for a new paper bag manufacturing plant at Crossett, Ark. A complete line of multiwall paper shipping sacks of pasted or sewed bottom, valve or open-mouth constructions will be made at the plant as well as many other types of commercial paper bags.

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U. S. P. . . . A chemically-pure, water-white glycerine, meeting all requirements of the U. S. Pharmacopoeia . . . for use in foods, pharmaceuticals, cosmetics, or any purpose demanding highest quality. Specific gravity, 1.249–25° C./25° C.

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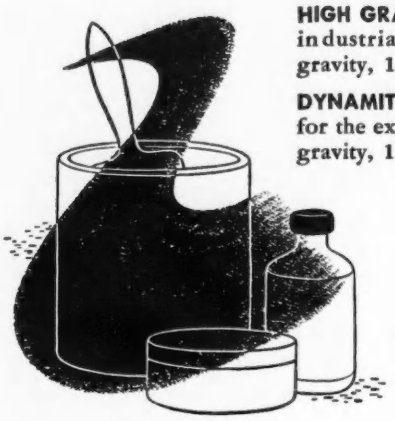
DYNAMITE . . . made especially for the explosives trade. Specific gravity, 1.262—15.5° C./15.5° C.



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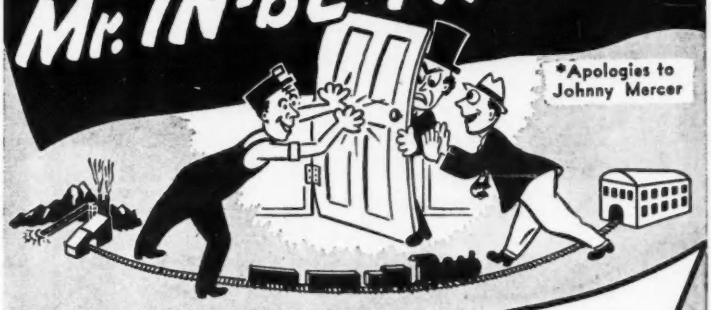
"DON'T MESS with Mr. IN-BE-TWEEN"*

*Apologies to Johnny Mercer



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BASLE 13 (Switzerland)

Founded 1860.

Share Capital and Reserves: Swiss francs 4,000,000.—

Telegrams: "Schweizerhall Basle"

References: Swiss Bank Corporation
15 Nassau Street, NEW YORK 5

Director of Engineering

David Gordon, recently chief engineer for the Interchemical Corporation, New York, has joined the staff of Foster D. Snell, Inc., consulting chemist and chemical engineer, Brooklyn, as director of engineering.

WPB Redefines Chemical 'Preferred Orders'

OPD Washington Bureau

To prevent accumulation of critical materials in manufacturers' and dealers' inventories, the War Production Board has amended order M-340, which governs miscellaneous chemicals, to establish restrictions on use of certified preferred orders. At the same time, the definition of "preferred orders" has been amended to include those from the Marine Corps and Coast Guard.

The amended M-340 specifies that, unless certain inventory requirements are met, any order by a manufacturer or dealer for any quantity of a chemical controlled by M-340 to fill a preferred order, or to replace withdrawals from inventory used to fill such an order, may not be certified as a preferred order. To be classified as "preferred," orders must be placed by manufacturers and distributors when they have on hand preferred orders or orders for preferred purposes, as defined in M-310, that would reduce their inventories below an amount sufficient to meet deliveries that are expected to be made in the succeeding 60-day period on such orders. However, 90-day inventories for preferred uses are permitted for the following chemicals:—Heat-treated rosins, stabilized rosins, polymerized rosins, metal resinates and gum and wood rosins. Accumulations of inventories by orders not certified as preferred orders are not affected by the new amendment.

Marine Paints Supply

—*Continued from page 4*

metal are required by the military and, consequently, less of the oxide will be produced, WPB told the committee.

The committee pointed out that present procedure in allocating small quantities of antimony oxide to specified contracts handicaps the industry. It recommended instead that allocations of the chemical be handled on the same basis as allocations of other raw materials, monthly allotments, for example, to let manufacturers have a small quantity of stocks on hand.

As a result of increased facilities and favorable climatic conditions in the South, production of pinetar and pinetar oil has increased during the past month, and WPB said that continued improvements in production is expected. Consequently, inventories throughout the industry could be correspondingly increased.

With the exception of lead and chrome pigments, the general pigment situation of the industry is expected to improve, WPB told the committee. As long as military requirements remain at the current high level, little relief is anticipated in the supply of lead pigments, and in spite of military cutbacks, the supply of chrome chemicals is expected to remain critical for the remainder of 1945.

Chemical Colors

Chemical colors have become increasingly more difficult to obtain, the committee said. WPB explained that delays in shipments of iron oxide are due to manpower shortages. Over-all supplies of cuprous oxide are expected to improve considerably during the next few months. Mercuric oxide supplies are in balance with demands, they added, and industry should have no difficulty in obtaining adequate supplies for anti-fouling paints.

Naphthenate driers for military paints will be available in approximately the same quantities as during recent months, WPB reported. However, military needs for naphthenic acid and naphthenates continue heavy, and there is no prospect of liberalizing allocations of naphthenate driers for the next few months.

Heavy military demands for phthalic anhydride have made it necessary to reduce all types of uses and inventories of phthalic anhydride in the hands of producers and consumers. WPB anticipated no early improvement of this situation.

Requests for modified types of phenolic resins have declined as a result of the critical supply of rosin, and it may be possible to release the modified phenolics for less essential uses, WPB told the committee.

MECCO **Iodides**
EXCEPTIONALLY PURE

Mecco POTASSIUM IODIDE
All forms and mixtures.

Mecco RESUBLIMED IODINE
U. S. P.

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BOX 930,
Oil, Paint and Drug Reporter

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Textile and Leather Chemicals

Outside of an urgent consuming demand for all sizing materials which could not be satisfied because of the scarcity of these products, the textile and leather chemicals market was a quiet affair during the past week. Delayed deliveries of dextrines and starches owing to sold-up production and the withdrawals of sizable quantities for government account continued to restrict amounts available for civilian consumption. Advices from Brazil indicated that shipments of moderate quantities of new-crop potato starch, which have been held up by dock strikes were expected to start early in June for the United States. This should give partial relief to consumers who are in dire need of this material. No improvement was evident in the production of edible albumen egg and yolk and the demand continued to exceed the supply.

In view of the improved situation in traffic from foreign sources, which has cut the time of arrival by several weeks, consumers of tanstuffs were inclined to work off inventories and showed less interest in nearby and forward replacements. Also there was the possibility of reduced freight rates in the near future, which would lower the cost of importation. However, there was a good inquiry for quebracho extract and wattle bark and extract.

Announcement of new price ceilings for tanstuffs was not forthcoming during the week, which was expected since the early part of May.

Market Trends

Prices Advanced

None

Prices Reduced

None

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
279.7	279.7	279.7	262.9

Chemicals

Bichromates—Active consuming demand continued to absorb the production, the major portion going to military uses. Prices were firm at ceilings.

War Production Board announced May 30, that manufacturers of chrome pigments will receive approximately 60 percent of their requirements of soda bichromate in June for the manufacture of Class A pigments for quota use.

Sulphonated Oils—Conditions in this market continued strong owing to the scarcity of vegetable oils and tallow. Trading was moderate with consumers showing more interest in substitutes. Quotations were unchanged and firm.

Zinc Dust—Production of zinc dust totaled 2,256 tons during March against 2,006 tons in February, according to the Bureau of Mines. Shipments were 2,416 tons and stocks at the end of April aggregated 807 tons.

War Production Board announced, May 26, the lifting of restrictions on zinc dust by the revocation of M11-1.

Dyestuffs

Annatto—Business was slow, though limited supplies were keeping the market in a steady position. Quotations were maintained.

Cochineal — Routine demand was noted during the week. Supplies on spot were said to be light and closely held.

Madder—Trading was confined to small quantities for immediate needs.

Sizing Materials

Albumen Blood—Although consuming demand continued excellent, production was adequate to cover requirements. Market was firm at current levels. Interest in dried soluble blood also was active.

Albumen Egg—This market continued in a tight position, with supplies scanty and insufficient to cover the active demand. Light production was keeping available supplies at low ebb and retarded business. Quotations were strong at ceilings.

Dried egg production during April totaled 15,716,000 pounds compared with 32,056,000 pounds in April last year, it was reported by the Department of Agriculture. Production consisted of 14,419,000 pounds of whole eggs, 282,000 pounds of albumen and 1,015,000 pounds of yolk. The quantity of egg dried during the first four months of this year totaled 62,887,000 pounds, compared with 111,640,000 during the same period last year—a decrease of 44 percent. Demand for dried egg for lend-lease purpose is weak compared with a year ago. War Food Administration is now accepting offers on whole dried egg on the basis of 6 cents a pound under ceiling prices, whereas at this time last year offers were accepted at the ceiling price. Storage holdings of dried eggs on May 1 totaled 77,924,000 pounds, compared with 70,488,000 on May 1 last year. WFA announced the shipment of 16,708,023 pounds of dried eggs for lend-lease and 17,822,861 pounds on cash sales basis during April.

Dextrin, Corn—Demand continued to exceed the supply. Production was sold well ahead, but was curtailed by the labor shortage. Deliveries were still from six to seven weeks behind schedule. Prices strong at ceilings.

Egg Yolk—With production far below a year ago and an urgent demand, trading was restricted to small lots. Holders of supplies were limiting sales to regular customers. Production of egg yolk in April amounted to 1,015,000 pounds, comparing with 1,455,000 pounds in the same month last year.

Starch, Corn—Tight supply situation continued to prevail in the market. Demand was urgent, but producers were still away behind in deliveries. Output was reduced by the labor shortage. WFA absorbed large quantities, thereby curtailing available supplies for civilian consumption. The visible corn supply was lower, declining 1,485,000 bushels for the week ended May 26, and amounted to 16,175,000 bushels as compared with 7,388,000 bushels for the same period last year, according to the Chicago Board of Trade. War Food Administration announced the shipment of 10,951,000 pounds of cornstarch for lend-lease during April.

Starch, Potato—Because of the scarcity of supplies, this market continued dull and entirely nominal. Holders confined sales of small quantities to regular customers. Production for the season closed two weeks ago.

Tapioca Flour—Firm condtions prevailed in this material in sympathy with the strength in primary markets. Offerings for shipment from Brazil and San Domingo were reported limited and moderate sales were transacted at ceilings. Consuming inquiry was excellenent. Shipments from Brazil recently have been held up by dock strikes. It was stated that new-crop shipments would start early this month.

Tanning Materials

Divi-Divi—Arrivals totaled 4,136 seroons during the week and consigned against former contracts. Inquiry for shipments has slackened and offerings while not heavy were reported freer than a month ago. Prompt and nearby shipments were quoted at former prices.

Mangrove Bark—Trading was quiet. Market held firm at primary centers with offerings of bark still light. Consuming inquiry was fair.

Myrobalans—Recent heavy arrivals increased inventories here resulting in the practical withdrawal of buyers from the market for the present. Offerings for shipment from producing centers have slackened and quotations were more or less nominal.

Quebracho—Imports during the week totaled 16,530 bags for delivery to tanners. A good inquiry was noted for nearby and forward delivery. Prices were firm at ceilings.

Wattle Bark—Scarcity of extract at producing points keeping this product in a strong position. Offerings of the bark were slightly more liberal than heretofore, it was reported, though buying interest was light and spasmodic. Prices were maintained at ceilings.

For Current prices see alphabetical listing beginning on page 9.

ALBUMENS

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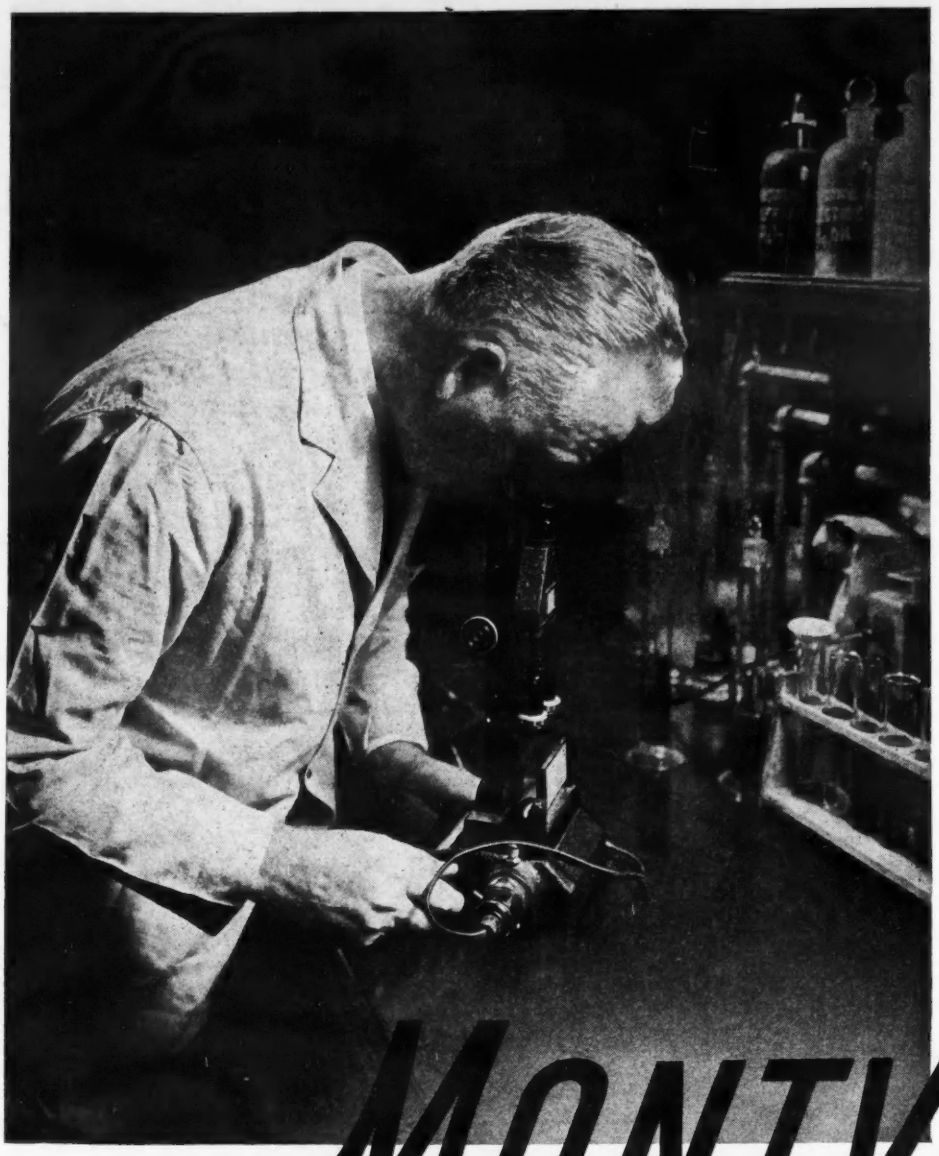

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Botanical Drugs, Spices, Gums

The observer of events in the international botanical drug market discerned some interesting features during the past week. The observer found Swedes arriving in New York from Stockholm ready to secure for that city the botanical business they believed formerly to have been cleared through Hamburg, Germany.

Predicating their program on the idea that devastated Hamburg would never rise from its ruins, they revealed a plan to do in Stockholm the business in Czechoslovakian and other Central European botanicals which they believed had been done by Hamburg merchants. The Swedes appear to be overestimating the importance of prewar Hamburg as a botanical drug center. It never recovered the premier position held prior to World War No. 1, an event that also eliminated the London Drug Auctions as an international sales factor.

The observer also discovered that Treasury Department licenses for commercial communication with Albania, Austria, Czechoslovakia, Danzig, Denmark, the Netherlands, Norway, and Yugoslavia are no longer required if the communications seek only information concerning supplies, prices, crops, and commercial data. He also found that while the Treasury Department had so amended its trading with the enemy regulations on May 28, to remove those countries from the category of "enemy countries," licenses were still required for communications that contain authorizations or instructions designed to effect financial or property transactions.

Finally, the observer learned that natives in Syria had clashed with French troops over the failure of Paris to make good its promise of freedom from mandate control. Syria had been a good shipper of anise, cumin, fennel, thyme, and—most important of all—of licorice root. Resumption of such exports at an early date faded into indefinite future when civil war flamed.

With French merchants who formerly sold botanicals shipped from Marseilles reporting the reopening of offices in Paris and Marseilles; with Swedes seeking to make Stockholm a trading center for Central European botanicals; with the Treasure Department removing certain countries from the category of "enemy countries," and permitting unlicensed communications if financial and property transactions were not proposed; and with Syria in virtual revolt against the French, the observer of the international botanical drug market at least found it to be kaleidoscopic last week.

Balsams

Copaiba—The market was strictly routine as to sales but exceptionally steady in the matter of prices. Stocks were conservative in most quarters.

Tolu — Demand was light. Stocks were unimposing and kept to moderate limits by the infrequency of stock replacement. Prices continued to be very firm.

Barks

Cascara—Reports from the Pacific Northwest state that unseasonable weather—much worse than a year ago—has delayed the start of peeling operations. The Spring has been very backward.

Soap—Further additions to available supplies totaled 315 bales. The first cost plus those of transportation work up to a comparatively high total and confine the possibilities of competition to narrow limits.

Beans

Tonka — Price stability prevailed. Although reserves were moderate, they proved sufficient for the demand of moderate sort current during the past week. Large consumers hold fair stocks.

Vanilla—Goods expected to arrive here are understood to be well engaged by consumers. The prospect for ample reserves being created in the warehouses of local importers are poor and they will do well if they even partially can supply the backlog of substantial consumer requirements existing even now. Prices were naturally firm but they also possessed an element of stability which, under normal conditions, would probably be supplanted by an upward tendency if not actual trend of prices.

Market Trends

Prices Advanced

Drugs

None

Other Articles

None

Prices Reduced

Drugs

None

Other Articles

Clove, Zanzibar, ¼c. per lb.
Coriander seed, Morocco, futures, ¼c. per lb.
Dillseed, dewhiskered, ¼c. per lb.
Fennel seed, domestic, ½c. per lb.
Fenugreek seed, domestic, ½c. per lb.
Morocco, futures, ¼c. per lb.
Ginger, Cochin, unbleached, futures, 1½c. per lb.
Sage, Spanish, 4c. per lb.

Comparative Price Indexes

Botanical Drugs

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
227.5	227.5	232.4	254.2

Berries

Hawthorn—English sources may be able to ship more liberal quantities of this berry if consumer requirements should force the issue. Reopening of the foreign marflet is a fair possibility.

Juniper—Over a million pounds a year of this item were imported in prewar times, and the countries shipping to this country were Italy with about 1,000,000 pounds, and Germany, Hungary, the United Kingdom, and Yugoslavia combined to ship about 28,000 pounds. Negotiations looking to a resumption of large imports from Italy are underway.

Flowers

Arnica — Stocks remaining unsold are not very substantial in size, and a replacement from normal sources would find excellent welcome on this market.

Chamomile—It may be that some of the Hungarian flowers formerly shipped direct may be offered to this market through Swedish sources. It is not unlikely that cultivation in Argentina will afford the Hungarians substantial future competition.

Gums

Arabic—Holding very steady on spot and subject to a fair sized movement that, for the most part, is built of numerous orders for quantities of the more limited sizes. Large transactions were seldom in the open market last week.

Asafetida—India has managed to keep this market supplied with sufficient gum to cover the major and most pressing of domestic manufacturing and distributing requirements. Prices retain a very steady position. Stocks unsold now are conservative in size.

Olibanum—Firmer undertones and slightly swifter undercurrents have prevailed in local circles of late and at the close of last week there was an absence of any tendency to shade quotations under competitive conditions.

Herbs and Leaves

Belladonna — Some Swedish merchants are seeking to corral some of the trade in Central European belladonna. It is doubted that they can cut much into the direct shipments certain to be resumed to this country. Reports of an 8c. rise in spot prices but brought the reassertion that buyers with firm orders in hand will still be welcome to goods at 72c. per pound.

Marjoram — Stocks of Argentine herb have been exhausted in part by sales into consumption but mainly by fire in a local warehouse some weeks back.

Oregano—Mexican herb was re-

For Current prices see alphabetical listing beginning on page 9.

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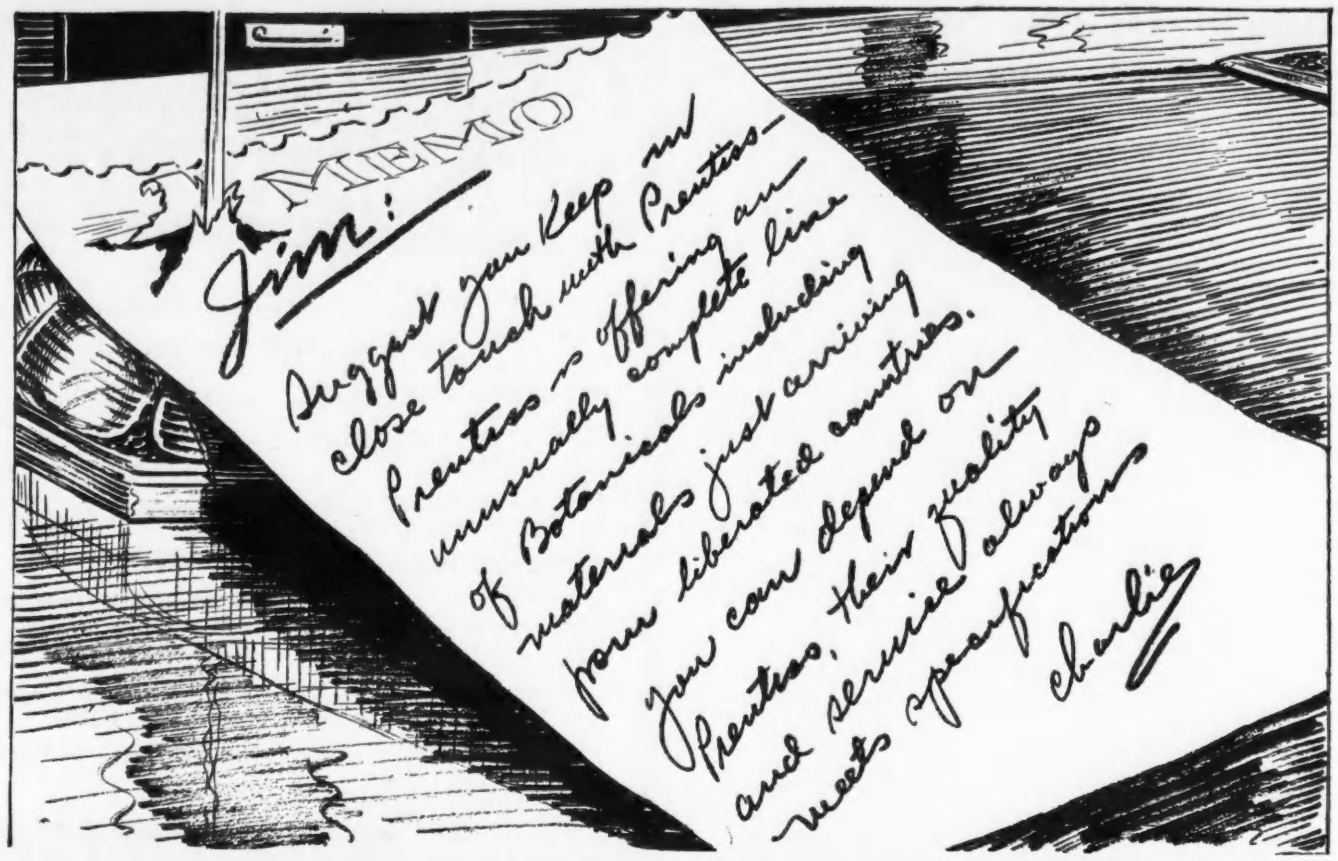
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stocked locally to the extent of 192 bags. Prices held unchanged and sellers considered them to be as low as replacement cost will permit and still leave a moderate profit to sellers for consumption.

Sage—Prices for Spanish material tobogganed to 24c. to 25c. per pound, reflecting the very low prices at which futures can be had—namely, 19½c. to 20c. per pound.

Miscellaneous

Ergot—Hamburg, Germany, used to handle a considerable quantity of Polish-Russian ergot and there are indications now that some Swedish merchants are seeking to take over such trade.

Manna—It is years since Italian manna flake has been available in this market, but negotiations to provide for restocking are expected eventually to produce positive results.

Papain—Stocks gained to the extent of 50 parcels. The market was reasonably competitive last week but it was also free from further contraction in minimum asking prices.

Roots

Aletris — Collections thus far this year were reported as being not so good. The season has been backward in some respects and accumulations at the country godowns are not impressive at this time.

Berberis—Some expect a considerable betterment in supply, provided the at-present expected gain in available labor shall materialize.

Dandelion — This is another European root whose bold character always commended it to consumers in this country. Italy, Hungary and Russia were the main shippers and in prewar times around 55,000 pounds came in yearly. Restoration of the normal article in commerce is on the general import agenda.

Licorice — Syria, one of the Near East suppliers of this root, is the locale of fighting between the natives and the French. That won't hold early restoration of exports. However, there remains Russia, Italy and Turkey, from whence came around 62,000,000 pounds a year in prewar times. To those countries today may be added India which became a large shipper during the war. Prewar Syrian exports were about 8,000,000 pounds a year.

Seeds

Anise — Syrian exports are not likely soon to be resumed. Civil war exists there. Stocks of the Mexican item have gained and found good sale.

Celery—The market was exceptionally quiet as to demand and price movement. Stocks gained in the amount of 326 bags.

Coriander—The limited amount of Morocco seed available here recently has been fairly well absorbed. Futures were lower at 11¼c. to 11¾c. per pound.

Cumin—Those who had looked forward to resuming import of Syrian

—Continued on page 70

Drug Disposal Advisers

—Continued from page 3

more widely representative of all the elements involved should assist SPB in laying out the rules.

Another suggestion, advanced by SPB itself, was that the Federal Security Agency should be the agency to certify the needs of the public bodies for the supplies being made available, but this, too, met with some question because, from the standpoint of administration, it was not considered advisable that FSA get too far into the disposal program which is outside its field of operations. At the meeting, SPB made it plain that it would have to have a statement of policy backed up by facts in order to give preferential treatment in the disposal of the supplies, and the recommendation was made that FSA set up an advisory committee representative of the groups at the meeting.

The question of whether manufacturers of the supplies should also be members of the committee has not yet been decided. The present thinking is along the lines of limiting the membership to consumer groups.

Shellac Importers to Golf

The United States Shellac Importers Association will hold a golf outing at the Richmond Country Club, Dongan Hills, Staten Island, June 19.

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Essential Oils, Other Aromatics

Activity in the market for essential oils and aromatic chemicals was kept moderate last week by the lack of more than small supplies of many items. Substitutes for scarce or unobtainable goods displayed excellent activity in contrast with the rank and file of the natural and synthetic entities which were available in quantities that made sellers extremely reserved in the matter of offerings. The replacement feature was the near presence of 100,000 pounds of bergamot from Italy.

Hope for a resumption of trade in French colonial essential oils was shadowed by conditions of civil unrest in many of the colonies. The unrest ranged from actual and clean-cut civil war in Syria to dissatisfied and disgruntled merchants at other points. In addition to resurrecting the French essential oil trade in products made in France, the home government faces a tough task in the colonies. All this does not spell ease in the reestablishment of United States importations.

Fairly good reports regarding the prospect for domestic essential oil production reached the spot. A good-sized acreage of peppermint is growing well at most points. An excellent position is reported in dillweed oil, the new crop of which is being contracted. Spearmint prospects pale before those in peppermint but may turn out better than many expect. In wormseed, wormwood, sweet birch, wintergreen, tansy and pennyroyal, the situation is less clear and production will turn smoothly or creakingly, according to the availability of labor and the extent to which ceilings may be enforced.

Market Trends

Prices Advanced

None

Prices Reduced

None

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
230.1	230.1	226.4	267.8

Essential Oils

Almond—Demand of exceptionally steady sort and involving some gain in quantities of expressed oil sought by consumers resulted last week in the maintenance of very firm prices.

Angelica—Former sellers of imported material look forward to again being able to propose spot sales of this article at prices reasonably comparable with prewar values, though they are expected to open higher. Meanwhile, domestic users find solace in domestic distilled oil at comparatively high prices.

Anise—Not a trace of foreign oil was in the open market. Good sales of substitutes kept consumers well supplied with the only anise flavoring now available.

Apricot Kernel—Not overly well stocked on the spot nor in the primary market. Firm prices prevail at both points and demand of routine sort, involving moderate quantities ruled.

Bay—There is some reason to look forward to an improvement in shipping facilities in the West Indies. Stocks on spot prove sufficient for the rather moderate-sized current requirements and prices hold very steady.

Bergamot—Further arrivals from Italy are reported practically at hand —100,000 pounds practically in New York harbor. The spot has been swept practically clear of dealers' stocks of Italian oil and it is likely that the new lot will be absorbed promptly.

Bois de Rose—Almost impossible to obtain on spot, the supply situation in the primary market is little if any better than that. Local quotations prove to be entirely nominal.

Cananga—Limited quantities rested quietly in strong hands and there seems to be little likelihood of stocks being resumed in major fashion at an early date. Undertones were firm.

Caraway — Although quotations lacked further downward change on the open market, reports of occasional price shading were not absent last week. Early resumption of imports of oil is not likely.

Cardamom — Holding generally steady but reported not to be in more than fair-sized jobbing request. Prices were firm and ranged rather widely.

Celery—Raw material has stopped fluctuation in price and assumed a more stable position. Oil, however, appeared still to offer some sellers the opportunity of considerable competition when firm orders were in sight last week. Demand was moderate.

Citronella—A report of the Department of Commerce states that production in Honduras during 1944 showed an increase but was still on a small scale. In 1944, 32,556 pounds were exported, a gain from 5,440 pounds in 1943.

Clove—Demand was about all domestic distillers could supply and they often are behind sales commitments. The quantity of foreign distilled oil reaching this country is not large so far as regular arrivals are concerned. Some expect that both oil and spice soon will begin to appear more often.

Dill—As yet, nothing points toward an early resumption of shipments of seed oil from India and a purely nominal situation prevails. However, there are good stocks of new crop weed oil produced here and excellent in quality as well as low in price.

Eucalyptus—Very little was available and little was in sight from foreign parts. The attempts to get a good oil made in South America have not succeeded, though experiments have been made in such production. Spain also has not provided much. Relief from shortage awaits resumption of unimpeded exports from Australia.

Geranium—The market was quiet as to demand but very steady as to prevailing prices. Stocks have remained moderate because of infrequent replacements from primary market points and considerably more could be sold if it was available. The foreign market asking prices remain high.

Lemon—Solution of the container problem in Italy has not been reached and the supply of oil in Italy and Sicily is now at full flood. Production at many points is complete and will prevail to the end of Summer only in a few areas. Oil has been bought but confirmation of any having been shipped can not be obtained.

Lemongrass—Honduras in 1944 produced 4,800 pounds of this oil, according to the Department of Commerce. The spot supply was moderate enough to keep prices strong and eliminate competition as a spot market factor.

Mandarin—There is some reason to expect that before the year is out, former European sources may be able to ship a limited amount of oil comparing favorably with the prewar product.

Nutmeg—Distillers and some dealers remain far apart on prices. Dealers want $5 to $5.25 per pound, yet some dealers talk of $4.65 as their price. It is all quite confusing considering the lack of normal supplies of distilling nutmegs.

Orange—Firmness governed prices and demand saw to it that there was considerable strength at the basis of all quotations. Volume of request was very good and little competition prevailed locally. Foreign oil fails to play a major market role just now.

Origanum—Those who had expected eventually to import from Syria seem likely to be disappointed. Civil war between natives and French authority has ended all hope for early resumption of commerce. Prewar, the United States imported almost half its origanum from Syria.

Peppermint—Fair to good growth of the new peppermint crop is reported. The situation was especially satisfactory in the Pacfic coast states. Acreage under cultivation is believed to exceed that of a year ago but no official figures have yet been provided by the Bureau of Agricultural Economics.

Petitgrain—Jobbing demand found only limited stocks wherewith to be satisfied. A very firm price position prevailed in all quarters.

Rosemary—Reasonably steady but still available in quantities making

For Current prices see alphabetical listing beginning on page 9.

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Aromatic Chemicals

Amyl Cinnamic Aldehyde—Kept in low supply by the insufficient allocation of basic raw materials. Makers got but 8,425 pounds in the WPB May allocation.

Anethol—Not plentiful but supplied in lots of limited size to fill a sustained and active demand.

Benzaldehyde—Allocations in May for synthetic aromatic manufacture totaled 88,650 pounds, of which cinnamic aldehyde got 72,250 pounds.

Benzyl Benzoate—The May allocation for making this aromatic chemical totaled 2,500 pounds of benzaldehyde. The open market is virtually clear of stocks.

Cinnamic Alcohol—In comparative low supply and a distinctly hard to get aromatic. For its production, WPB in May allocated 2,825 pounds.

Cinnamic Aldehyde—Use has been large as a substitute for other hard to get materials and the result is a market that is low in supplies and which cannot be restocked liberally. Producers received an allocation of 72,250 pounds in May. Most dealers have nothing to offer and some ceilings are around $1.65 per pound.

Italian Bergamot Oil Expected Momentarily

OPD Washington Bureau

Arrival of a new shipment of Italian bergamot oil amounting to approximately 100,000 pounds was expected momentarily by officials of the Foreign Economic Administration May 31. Officials said that in response to their cabled request for information on prospects of additional supplies of the oil reaching the United States, which had been sent to Italy ten days ago, they were informed that the oil already had been shipped and that the boat probably would land before the week-end.

According to further information received on the shipment, the oil has been carefully packed and should be in good condition on its arrival. An analysis of the oil showed it to be of a high ester content and of a quality equally as good as the 90,000 pounds that were shipped here last year.

Distribution of the oil will be handled by the FEA in the same manner as was the previous shipment, with quotas allotted to prewar recognized importers on a percentage basis.

It is also understood that a small quantity of jasmine concrete also is expected from Italy. This oil has never been imported into this country, it is understood, but is used abroad in high quality perfumes.

Apex Company has moved its offices to 52 William street, New York.

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Petroleum Derivatives

Retention by the government authorities of their tight control over the distribution of aromatic petroleum solvents, liquefied gases and paraffins, as well as of light and residual fuel oils and kerosene, necessitated by the hugely amplified military requirements in these products in the intensified war against the Japanese, together with the increasing transportation difficulties resulting from the transfer of tankships and tankcars formerly serving the East coast and Pacific Northwest to the service of the fighting forces in the enlarging theatre of war in the Orient, has constituted the dominating factor in the supply situation for petroleum derivatives within the past week.

Thus it has been borne home with increasing force that the ending of the war in Europe has relieved the short rationing of civilian users of the principal petroleum products in only one direction—in the allocations of ordinary motor vehicle gasoline—which, while generally deemed a rather meager increase, is now characterized by the Petroleum Administration for War as the largest that could be granted in the light of the present and prospective military demand and in view of the present civilian gasoline inventory position. As explained by PAW, heavy withdrawals from the country's gasoline stocks, only part of which can be attributed to seasonal farm needs, have reduced the nation's civilian gasoline stockpile by 4,525,000 barrels since the end of March and while these withdrawals have been taken into consideration in releasing the additional ordinary-octane gasoline to civilians, it must be recognized that the new program does not anticipate continuance of withdrawals in excess of allocation.

Solvents and Diluents

Aromatic Solvents—The volume of business in these high solvency aromatic naphthas continues to be held down materially by the recently imposed directive No. 1 in M-500 requiring the presentation of the highest priority ratings from consumers as a prerequisite for having their orders filled in Class B as well as in Class A solvents in this category. Because of the resultant reduction in the number and volume of fillable orders, the manufacturers of these solvents have so far been able to get along on the curtailed allotments of xylol doled out to them since the mounting exigencies of the military establishment in all the primary coaltar derivatives—including xylol as well as benzol and toluol—have made them extra critical materials. In other words, these processors have so far felt only a slight pinch on this score but they are uncertain as to whether this will reach a more acute stage or be eased to some extent before the end of this month.

Cleaners' Naphtha—Military takings continue to outstrip those on civilian account but the latter are also well represented in the current movement.

Lacquer Diluent—Moving in considerable volume to paint and varnish makers, with those engaged in war production work getting the bulk of the offerings.

Mineral Spirit—Buying interest continues to run high in this material, with prices firmly maintained.

Rubber Solvent—Manufacturers of synthetic rubber are still absorbing virtually all stocks and current production.

Stoddard Solvent—A steady flow of this solvent continues to be recorded into both military and civilian drycleaning channels, with the former obtaining slightly more than the latter.

V. M. & P. Naphtha—Continues in keen demand, with miltary accounts securing the major portion of all offerings.

Markets at Other Centers

Chicago, June 1.—Unabatedly keen interest continues to be noted in most of the petroleum solvents and diluents in this area. While the movement of these materials is not yet spectacular, it is fairly sizable in the aggregate.

Market Trends

Prices Advanced

None

Prices Reduced

None

Los Angeles, June 1.—Petroleum refiners on the Pacific coast report no change in the supply and demand picture for solvents and diluents. These products are generally being actively sought but supplies are short.

Lighter Fractions

Butane — With the lion's share of this liquefied petroleum gas being absorbed by the fortifiers of high-octane gasoline and makers of synthetic rubbers, little of this gas remains available for home cooking and heating purposes in the Southwest or for generating intense heat in privately-operated industrial plants.

Heptane—In steadily mounting demand, with prices well maintained.

Hexane—Moving in increasing volume into consuming channels.

Octanes—Buying interest rising in these gases.

Pentanes—Continue in brisk call for civilian as well as military purposes.

Propane — Like butane, the major portion of the stocks and current production of this liquefied gas is being taken up by high-octane gasoline makers and the manufacturers of synthetic rubber. Hence, little is now available for civilian uses.

Petrolatums and Waxes

Microcrystalline Waxes—Moving in an undiminished stream into consuming channels under the leadership of the standard process types.

Paraffin—In recognition of the exigencies of the war in the Pacific and the hugely increased military demand for paraffin in all forms, WPB has announced that this petroleum wax will be placed under allocation control beginning with the month of July. But, although complete allocation control of paraffin will not be begun until July, WPB has decided to institute some measure of control over its distribution during June, and producers and suppliers are requested to make returns to that bureau on their output and stocks by June 4.

Petrolatums — U.S.P., veterinarian and technical types of petroleum jelly continue moving steadily into consuming channels with their prices well maintained.

White Mineral Oils—Buying interest in U.S.P. and technical grades is steadily increasing on the basis of the recently reduced price schedules.

Fuels and Lubricants

Crude Petroleum—Crude oil operators are continuing to press the Office of Price Administration for a general markup of prices for this oil in all the American fields, commensurate with increased costs of production. To date, however, no intimation has been given that OPA has any intention of granting this latest of the score of requests made to it on this score within the past three years. That bureau has explained that it still has to study and analyze the information which it is eliciting from the operators on the cost of finding, developing and producing crude oil in response to its questionnaire sent to them in April.

The average daily rate of domestic crude oil production for the week ended May 26 is reported by the American Petroleum Institute to have amounted to 4,855,765 barrels, an increase of only 700 barrels over that for the previous week. Runs of crude petroleum to refineries for the same week averaged 4,950,000 barrels daily, compared with 4,908,000 barrels for the preceding week.

Largely because of the further transfer of tankcars to the Pacific coast service, oil shipments by tankcar to the East coast showed a decline for the week ended May 26 of 37,304 barrels to 505,783 barrels daily.

Gasoline — Nationwide stocks of gasoline recorded a drop of 552,000 barrels for the week ended May 26. Civilian grade supplies at the close of that week registered a decline of 99,000 barrels to 48,265,000 barrels,

—*Continued on page 70*

For Current prices see alphabetical listing beginning on page 9.

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1—Kiefer 12 Sp. Rot. Vac. Filler
1—Kiefer 6 Sp. Cinati Vac. Filler with 8' chain conveyor
1—Devine Jacketed Vacuum Shelf Dryer 26"x25"x53" with 17 shelves
2—Devine Unjacketed Vacuum Shelf Dryers, same size but with 20 shelves
17—Heavy Duty Jacketed and Agitated 1,000 gal. Steel Tanks; 5' x 8'
17—Same as above but 150 gal.
1—Proctor & Schwartz Truck & Tray Dryer 3 Door; 9'x15'x9'
1—Buflovak Pan Dryer; 6' dia. Jktd. Agitated
1—Pfaudler Glass-Lined Vacuum Processing Kettle; 450 Gal. 4'x5'
1—Stainless closed Top 350 Gal. Storage Tank
5—Shriver & Johnson Filter Presses; 12" to 36"; wood, iron, lead plates
1—Raymond "0000" Mill with collector
1—Aluminum Acid Egg; 42"x6'
1—Centrifugal Extractor 50" Copper Perf. Basket
1—American 30" Centrifugal Extractor Perforated Nickel Basket — plow dump — overhead drive motorized
1—Double Runner 24" Attrition Mill
2—Mikro No. 2 Pulverizers—7½ H.P.
1—Mikro No. 4 Pulverizer 75 H.P.
1—Day 100 Gal. Twin Lead Mixer, P.D.
4—DeLaval No. 84 Tinned Oil Purifiers
1—Ferguson Packomatic Carton Gluer & Sealer
1—Stainless Feinc Vac. Drum Filter; 3'x2'
1—Silex Lined Pebble Mill; 42"x50"; P.D.
6—Copper Tanks: 950 Gal. Heavy Duty; 4' x 9'6"
4—Gov't approved Copper Bottling Tanks, 1,000 gal. complete
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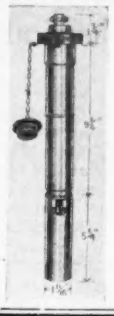
—Continued on page 70



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1—Buffalo 5'x6' Vac. Drum Dryer-Chrome Plated.
1—Blaw-Knox 6'x5' Stainless Steel Flaker or Drum Dryer.
1—Cast Steel Autoclave 60 gal. 3" wall with agitator.
1—500-gallon copper jacketed vacuum pan.
2—N. J. Pony Labelrites.
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1—Buflovak 6' Vacuum Crystallizer
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1—60 gal. Cast Steel Autoclave agitated, 3" wall
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1—Rotex 40" x 84" sifter
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45—Drying Rack Trucks, on wheels
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1—Day No. 30 Imperial Jacketed Mixer, 75 gal.
5—Day, Ross Double Arm Mixers, 10 to 100 gals.
1—Day No. 20 Imperial Mixer
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5—Oliver Filters, 5' x 8' to 8' x 10'
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2—Hardinge Mills, 2' x 8", 6' x 4'
1—Jeffrey Hammer Mill, 24" x 18",
1—Raymond No. 0000 Pulverizer, ball bearing, 15 HP motor
3—Day 12" x 32" Roller Mills, belt and motor driven
2—Kent 20" Tandem Stone Mills
2—Kent Lab. 8" Stone Mills
3—Sharples No. 6 Presurtite Centrifuges
2—Sharples, De Laval Clarifiers
2—Tolhurst 40" Suspended Type Centrifugals, with 15 HP AC motors bottom discharge
2—Tolhurst 32", 40" Centrifugals, solid baskets
4—American Tool 40" and 48" Centrifugals
1—Vulcan 6' x42' Rotary Dryer
3—Buflovak Vacuum Drum Dryers, 24" x 20", 48" x 40", 5' x 6'
4—Louisville Rotary Steam Tube Dryers, 6' x 25' to 6' x 40'
3—Atmospheric Drum Dryers 4' x 9', 5' x 6'
1—500 gals. Steel Jacketed Still, with 24" column
3—Copper Vac. Pans, 50, 150 gals.
1—Steel Vacuum Pan, 100 gals.
1—7' dia. Tinned Copper Converter
5—Steel Jacketed Kettles, 600 to 1,200 gals., some agitated
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2—Devine 10" x 10" Two Stage Vacuum Pumps
3—Condensers, 50 to 200 sq. ft.

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1—Dunning & Boschert 2,000 lb. Double Arm Steel Powder Mixer.
2—Blystone 2,000 lb. Jacketed, Horiz., Paddle Type Steel Mixers.
1—25 gal. Ross Double Arm Heavy Duty Tilting Mixer.
1—100 gal. Read Double Arm, Heavy Duty Jack. Mixer.
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1—Faust 150 gal. Jack. Spiral Mixer.
1—Howe Barrel & Bag Packer.
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2—Wall Vert. Dry Vac. Pumps, 4" x 2½", Motor Driven.
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1—No. 3, Oliver 14"x8" Duplex Vacuum Pump.
1—Penn. Vac. Pump, 14"x5".
2—National Acme Model C20, Stainless Steel Centrifuges.
2—DeLaval Separators, Lab. size & No. 302.
2—DeLaval Multiple Clarifiers, Nos. 300 & 600, motor driven.
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2—Ross 3 Roll Water Cooled 12"x30" & 16"x40" Steel Roller Mills.
3—Double Stand Steel 4 Roller Mills, 7"x18", 7½"x20" & 7½"x30" Rolls.
10—Iron Mills, 12", 14" & 18".
3—Tolhurst 24", 26" & 40" Centrifugals.
8—Stone Mills, 8" to 32".
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Botanical Drugs

—Continued from page 64

seed will have to wait until clashes between the natives and the French have been resolved into peace.

Dill — Dewhiskered material was lower at 11¼c. to 11¾c. per pound. Stocks gained on spot to the extent of 80 bags.

Fennel—Syrian exports will be delayed by the civil war in that country.

Fenugreek—Domestic was down to 16c. to 16½c. per pound. Moroccan futures were shaded to 7¾c. to 8¼c.

Spices

Cinnamon—Stocks were increased by 1,493 bales becoming available. Sales against the supply have been substantial.

Clove — Prices for Zanzibar spice were fractionally lower at 17c. to 17½c. per pound.

Ginger—Unbleached Cochin root in future position was down considerably, quotations reaching the level of 21c. to 21½c. per pound.

Markets at Other Centers

Los Angeles, May 30.—Market conditions remained much the same as in previous weeks, with almost all supplies short. Prices are:—

Marjoram—French type, 35c. per pound in dried form.

Sage—Dalmatian type, 65c. per pound for lots containing less than 12 percent stems. Leucophylla was quoted at 32c. per pound.

Savory—French type, 75c. per pound for futures.

Sweet Basil—75c. per pound in dried form.

Thyme—French type, nominal at 80c. per pound in dried and clean form.

Recent Imports

—Continued from page 4

GUM, KARAYA—286 bgs, Innis, Speiden & Co
HAIR, GOAT—8 bls, Swiss Bank
12 bls, Corn Exchange Bank & Trust Co
145 bls, Tradesman National Bank & Trust Co
92 bls, P L Scheere & Son
200 bls, N Wagman Co
75 bls, Arms Textile Mfg Co
30 bls, Hair & Fiber Supply Co
HORSE MANE—7 cs, Philadelphia National Bank
HORSE TAIL—8 cs, H Rosenhirsch Co
12 cs, J Henry Schroeder Banking Corp
17 cs, Philadelphia National Bank
KYANITE—200 tons, Golwynne Chemical Corp
MICA—750 cs, United States Commercial Co
BLOCK—343 cs, United States Commercial Co
SPLITTINGS—615 cs, United States Commercial Co
OIL, CASTOR—149 dms, East Asiatic Co
246 dms, Bunge Corp
CITROUS—7 cs, Citrus & Allied Essential Oils, Inc
2 dms, Citrus & Allied Essential Oils, Inc
CODLIVER—514 dms, Upjohn & Co
273 dms, Scott & Bowne
525 dms, E R Squibb & Sons
773 dms, Peter Devold Oil Co
526 dms, Bankers Trust Co
COTTONSEED—255 dms, United States Commercial Co
OITICICA—498 dms, Murray Oil Product Co
264 dms, S L Jones & Co
759 dms, L N Jackson & Co
1,985 dms, Brazil Olticica Co
PEPPERMINT—6 dms, McKesson & Robbins
PETITGRAIN—10 dms, Dodge & Olcott Co
15 dms, Duke & Benedict
10 dms, Geo Lueders & Co
5 dms, Lautier Fils, Inc
SASSAFRAS—6 dms, McKesson & Robbins
40 dms, Norton Ellis & Co
TANGERINE—9 cs, P R Dreyer
OREGANO LEAVES—192 bgs, Balfour, Guthrie & Co
OX GALLS—2 cks, Tupman, Thurlow & Co
14 cks, Charles Hollinshed & Co
PAPAIN—24 cs, R J Prentiss & Co
26 cs, Peek & Velsor
PEANUT MEAL—58,335 bgs, United States Commercial Co
QUEBRACHO EXTRACT—7,051 bgs, 846,120 lbs, Tannin Product Export Co
5,031 bgs, 603,720 lbs, International Product Corp
2,070 bgs, 248,400 lbs, Brown Bros-Harriman Co
2,379 bgs, 285,480 lbs, Irving Trust Co
RESIN—125 cs, Paul Bertuch Co
85 cs, Simonds & Grey
230 cs, L Littlejohn & Co
100 cs, Herman Weber & Co
130 cs, H A Astlett & Co
SHELLAC—650 bgs, Wm Zinsser & Co
150 bgs, Mantrose Corp
405 bgs, Wm Diehl & Co
500 bgs, Ralli Bros
1,200 bgs, Dings & Schuster
500 bgs, Mac Lac Co
100 bgs, Cornelis & Suhr
SEEDLAC—75 bgs, Mantrose Corp
350 bgs, Wm Diehl & Co
SOAP BARK—315 bls, R J Prentiss & Co
TEAWASTE—840 bgs, Maywood Chemical Works
THEOBROMINE—146 cs, Monsanto Chemical Co
WAX, BEES—116 bgs, Mercantile Metal & Ore Co
220 bgs, Duncan, Fox & Co
91 bgs, H Pike & Co
166 bgs, Strahl & Pitsch
CARNAUBA—751 bgs, W R Grace & Co
257 bgs, Lenape Trading Co
633 bgs, Wm M Allison & Co
112 bgs, Baird Rubber & Trading Co
188 bgs, Wax & Rosin Products, Inc
278 bgs, Innis, Speiden & Co
894 bgs, E A Bromund Co
331 bgs, Wm Diehl & Co
628 bgs, American Cyanamid & Chemical Co
1,279 bgs, Geismar & Co
207 bgs, Wessel, Duval & Co
2,303 bgs, S C Johnson & Sons
55 bgs, Strohmeyer & Arpe Co
WINE LEES—352 bgs, Tartaric Raw Material, Inc

Business Wants

—Continued from page 69

POSITIONS WANTED

Superintendent, graduate chemical engineer, 32 years old, 12 years' experience laboratory and plant supervision organic chemical specialties, executive ability with proven record of expanding production and plant facilities. OPD 919.

Sales Manager (chemist), 42, with excellent following and connections in the heavy chemical, paper and steel industries, wants position with medium-sized paint manufacturer who is willing to go all out on chemical resistant finishes, fume-proof whites, hot-surface specialties, etc.; 10 years with last connection. A1 references. July or August. East preferred. OPD 929.

Agricultural Chemicals

—Continued from page 41

phate is not made available for Europe to aid in the agricultural program, it will increase the pressure for food supplies from the United States. There is ample raw material and plant capacity for increasing production of copper sulphate, but the manpower shortage is proving a bottleneck. The industry hopes there will be an increase in labor in the near future to meet the steadily expanding demand.

War Food Administration purchased for lend-lease 8,500 pounds of nicotine sulphate at 81c. a pound in tins, f.o.b. Louisville, Kentucky, on May 16. During April 58,000 pounds were purchased by WFA for delivery against lend-lease.

Sulphur and Pyrites

Sulphur shipments from mines have continued steady. The trade is looking for some relaxation in the demand from makers of sulphuric acid for high octane gasoline as a result of the defeat of Germany. This opinion is based on the presumption that a one front will not require as much material as a two-front war. Advices from Madrid state that sulphur is limited in Spain by existing furnace capacity and some imports will be needed this year to meet demand. Spanish pyrites remained quiet with prices unchanged.

Buenos Aires, May 31 (Comtelburo).—The Argentine government has authorized the importation of sulphur in the Territory of Chubut and farther south when such importation is for consumption or for account of local industry in these zones.

Petroleum Products

—Continued from page 67

while the military grade was reduced by 552,000 barrels to 40,856,000 barrels.

Fuel Oil—PAW has explained the need for the present restrictions on the civilian use of fuel oil and for further conservation of supplies of both distillate and residual fuel oils in the months immediately ahead by telling of the magnitude of present and prospective military requirements in these liquid fuels and of the transportation difficulties, which have reached a particularly acute stage in the Pacific Northwest, as necessitating this conservation action.

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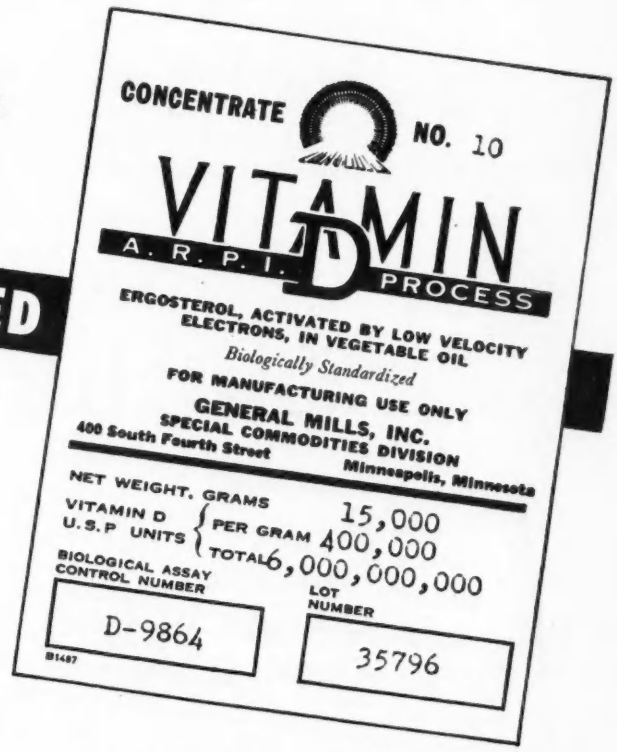

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